

 **INTERCOND**



**COAXIAL  
CABLES**

# CAVI COASSIALI

---

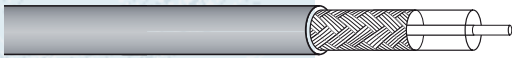
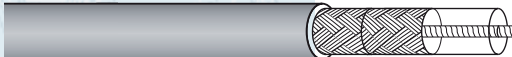
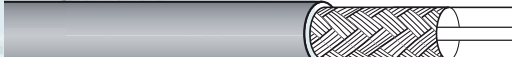






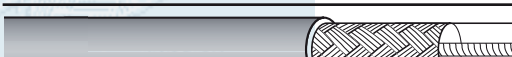








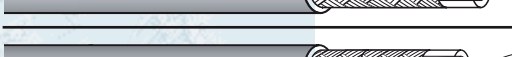
## COAXIAL CABLES

**Cavi coassiali 50, 75, 93 Ohm** 87  
*Coaxial Cables 50, 75, 93 Ohm*

**Cavi coassiali video broadcast** 109  
*Broadcast Video Coaxial Cables*

# Sommario

## Table of Contents

			Pagina Page
	50 $\Omega$	Dielettrico polietilene solido <i>Solid Polyethylene Dielectric</i>	88
	50 $\Omega$	Dielettrico polietilene solido <i>Solid Polyethylene Dielectric</i>	89
	50 $\Omega$	Dielettrico polietilene solido <i>Solid Polyethylene Dielectric</i>	90
	50 $\Omega$	Dielettrico polietilene cellulare <i>Foam Polyethylene Dielectric</i>	91
	50 $\Omega$	Dielettrico polietilene cellulare <i>Foam Polyethylene Dielectric</i>	92
	50 $\Omega$	Dielettrico Teflon® <i>Teflon™ Dielectric</i>	93
	50 $\Omega$	Dielettrico Teflon® <i>Teflon™ Dielectric</i>	94
	75 $\Omega$	Dielettrico polietilene solido <i>Solid Polyethylene Dielectric</i>	95
	75 $\Omega$	Dielettrico polietilene solido <i>Solid Polyethylene Dielectric</i>	96
	75 $\Omega$	Dielettrico polietilene solido <i>Solid Polyethylene Dielectric</i>	97
	75 $\Omega$	Dielettrico polietilene cellulare <i>Foam Polyethylene Dielectric</i>	98
	75 $\Omega$	Dielettrico polietilene cellulare <i>Foam Polyethylene Dielectric</i>	99
	75 $\Omega$	Dielettrico Teflon® <i>Teflon™ Dielectric</i>	100
	93÷120 $\Omega$	Dielettrico polietilene solido <i>Solid Polyethylene Dielectric</i>	101
	93÷120 $\Omega$	Dielettrico polietilene solido <i>Solid Polyethylene Dielectric</i>	102
	93÷120 $\Omega$	Dielettrico polietilene cellulare <i>Foam Polyethylene Dielectric</i>	103
	93÷120 $\Omega$	Dielettrico Teflon® <i>Teflon™ Dielectric</i>	104
	93÷120 $\Omega$	Biassiali <i>Twinaxial</i>	105
	93÷120 $\Omega$	Biassiali <i>Twinaxial</i>	106

# CAVI COASSIALI

---

## *COAXIAL CABLES*

**Cavi coassiali**  
50, 75, 93 Ohm

---

*Coaxial Cables*  
*50, 75, 93 Ohm*

RG 174/U

RG 174/M

RG 122/U

RG 58 C/U

RG 58/U

### Applicazioni Applications

	RG 174/U	RG 174/M	RG 122/U	RG 58 C/U	RG 58/U
--	----------	----------	----------	-----------	---------

Radio Frequenza Radio Frequency	Radio Frequenza Radio Frequency	Radio Frequenza Radio Frequency	Radio Frequenza Radio Frequency	Radio Frequenza Radio Frequency	Radio Frequenza Radio Frequency
Miniaturizzato Miniaturized	Miniaturizzato Miniaturized	Miniaturizzato Miniaturized	Miniaturizzato Miniaturized	Trasmissione dati Data transmission	Trasmissione dati Data transmission

	Conduttore interno Inner conductor	CW 7 x 0.16 ø = 0.48 mm	CW 7 x 0.16 ø = 0.48 mm	Cu Sn 27 x 0.13 ø = 0.78 mm	Cu Sn 19 x 0.18 ø = 0.90 mm	Cu 1 x 0.81 ø = 0.81 mm
	Materiale isolamento Insulation material	PE ø = 1.52 mm	PE ø = 1.52 mm	PE ø = 2.50 mm	PE ø = 2.95 mm	PE ø = 2.95 mm
	Schermo Shield	Cu Sn	Cu Sn	Cu Sn	Cu Sn	Cu Sn
	Guaina Jacket	PVC ø = 2.54 mm	PVC ø = 2.80 mm	PVC ø = 4.10 mm	PVC ø = 4.95 mm	PVC ø = 4.95 mm
	Peso Weight	11 kg/km	12 kg/km	29 kg/km	45 kg/km	45 kg/km
	Impedenza caratteristica Characteristic impedance	50 ± 2 Ω	50 ± 2 Ω	50 ± 2 Ω	50 ± 2 Ω	50 ± 2 Ω
	Capacità Capacitance	99 nF/km	99 nF/km	96 nF/km	95 nF/km	97 nF/km
	Velocità di propagazione Propagation velocity	66%	66%	66%	66%	66%
	Attenuazione dB/100 m Attenuation dB/100 m					
	5 MHz					
	10 MHz	11.1	11.1	5.6	4.7	4.3
	50 MHz	19.1	19.1	14.9	11.2	10.0
	100 MHz	28.3	28.3	23.5	17.8	14.1
	200 MHz	41.0	41.0	36.0	24.0	20.4
	400 MHz	53.0	53.0	48.5	37.5	30.5
	1000 MHz	98.0	98.0	89.0	60.0	58.0
	3000 MHz	200.0	200.0	160.0	120.0	100.0

RG 223/U

RG 212/U











RG 214/U

RG 213/U

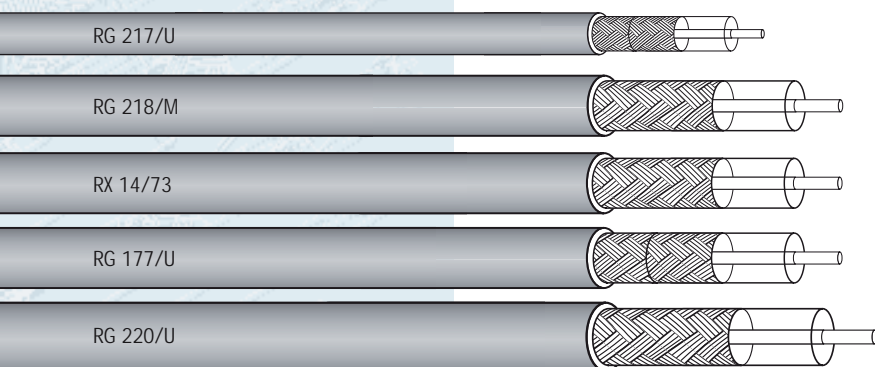
### Applicazioni Applications

RG 223/U	RG 212/U	RG 214/U	RG 213/U
----------	----------	----------	----------

Radio Frequenza Radio Frequency	Radio Frequenza Radio Frequency	Radio Frequenza Radio Frequency	Radio Frequenza Radio Frequency
Telecomunicazioni Telecommunication	Telecomunicazioni Telecommunication	Telecomunicazioni Telecommunication	

	Conduttore interno Inner conductor	Cu Ag 1 x 0.90 ø = 0.90 mm	Cu Ag 1 x 1.41 ø = 1.41 mm	Cu Ag 7 x 0.75 ø = 2.25 mm	Cu 7 x 0.75 ø = 2.25 mm
	Materiale isolamento Insulation material	PE ø = 2.95 mm	PE ø = 4.70 mm	PE ø = 7.25 mm	PE ø = 7.25 mm
	Schermo Shield	Cu Ag	Cu Ag	Cu Ag	Cu
	2° schermo 2 <sup>nd</sup> shield	Cu Ag	Cu Ag	Cu Ag	–
	Guaina Jacket	PVC ø = 5.50 mm	PVC ø = 8.43 mm	PVC ø = 10.80 mm	PVC ø = 10.30 mm
	Peso Weight	57 kg/km	130 kg/km	192 kg/km	160 kg/km
	Impedenza caratteristica Characteristic impedance	50 ± 2 Ω	50 ± 2 Ω	50 ± 2 Ω	50 ± 2 Ω
	Capacità Capacitance	97 nF/km	97 nF/km	97 nF/km	97 nF/km
	Velocità di propagazione Propagation velocity	66%	66%	66%	66%
	Attenuazione dB/100 m Attenuation dB/100 m				
	5 MHz				
	10 MHz	4.5	2.8	1.8	1.8
	50 MHz	9.6	6.2	4.6	4.6
	100 MHz	14.0	8.8	6.6	6.6
	200 MHz	20.2	13.5	10.0	10.0
	400 MHz	29.0	19.0	15.0	15.0
	1000 MHz	48.0	31.2	28.0	28.0
	3000 MHz	100.0	64.0	52.0	52.0





### Applicazioni Applications

RG 217/U	RG 218/M	RX 14/73	RG 177/U	RG 220/U
----------	----------	----------	----------	----------

Radio Frequenza Radio Frequency	Radio Frequenza Radio Frequency	Radio Frequenza Radio Frequency	Radio Frequenza Radio Frequency	Radio Frequenza Radio Frequency
------------------------------------	------------------------------------	------------------------------------	------------------------------------	------------------------------------

Trasmissione dati  
Data transmission

	Conduttore interno Inner conductor	Cu 1 x 2.70 ø = 2.70 mm	Cu 1 x 4.95 ø = 4.95 mm	Cu 1 x 4.95 ø = 4.95 mm	Cu 1 x 4.95 ø = 4.95 mm	Cu 1 x 6.60 ø = 6.60 mm
	Materiale isolamento Insulation material	PE ø = 9.40 mm	PE ø = 17.30 mm	PE ø = 17.30 mm	PE ø = 17.30 mm	PE ø = 23.10 mm
	Schermo Shield	Cu	Cu	Cu	Cu Ag	Cu
	2° schermo 2 <sup>nd</sup> shield	Cu	–	–	Cu Ag	–
	Guaina Jacket	PVC ø = 13.84 mm	PVC ø = 22.10 mm	PE ø = 21.40 mm	PVC ø = 22.70 mm	PVC ø = 28.45 mm
	Peso Weight	340 kg/km	720 kg/km	690 kg/km	870 kg/km	1200 kg/km
	Impedenza caratteristica Characteristic impedance	50 ± 2 Ω	50 ± 2 Ω	50 ± 2 Ω	50 ± 2 Ω	50 ± 2 Ω
	Capacità Capacitance	97 nF/km	97 nF/km	97 nF/km	97 nF/km	97 nF/km
	Velocità di propagazione Propagation velocity	66%	66%	66%	66%	66%
	Attenuazione dB/100 m Attenuation dB/100 m					
	5 MHz					
	10 MHz	1.40	0.81	0.81	0.81	0.58
	50 MHz	3.20	2.00	2.00	2.00	1.50
	100 MHz	5.10	3.00	3.00	3.00	2.35
	200 MHz	6.80	4.70	4.70	4.70	3.80
	400 MHz	10.10	7.30	7.30	7.30	6.10
	1000 MHz	17.50	13.00	13.00	13.00	11.80
	3000 MHz	37.00	26.00	26.00	26.00	22.00

DX 50/20

DT 58/4

DT 8/5

DT 50/6

### Applicazioni Applications

DX 50/20

Trasmissione dati  
Data Transmission

Miniaturizzato  
Miniaturized

DT 58/4

Radio Frequenza  
Radio Frequency

Trasmissione dati  
Data transmission

DT 8/5

Radio Frequenza  
Radio Frequency

Trasmissione dati  
Data transmission

DT 50/6

Trasmissione dati  
Data transmission

Connettore interno  
Inner conductor

Cu Sn 19 x 0.20  
ø = 0.90 mm

Cu 1 x 1.05  
ø = 1.05 mm

Cu 7 x 0.85  
ø = 2.55 mm

Cu Sn 1 x 2.17  
ø = 2.17 mm

Materiale isolamento  
Insulation material

PES  
ø = 2.50 mm

PES  
ø = 2.95 mm

PES  
ø = 7,25 mm

PES  
ø = 6,27 mm

Schermo  
Shield

Al

Cu Sn

Cu

Al+Cu Sn


2° schermo  
2<sup>nd</sup> shield

Cu Sn

–

–

Al+Cu Sn


Guaina  
Jacket

PVC  
ø = 4.50 mm

PE  
ø = 4.95 mm

PE  
ø = 10.20 mm

PVC  
ø = 10.20 mm

Peso  
Weight

30 kg/km

39 kg/km

90 kg/km

182 kg/km


Impedenza caratteristica  
Characteristic impedance

 $50 \pm 2 \Omega$ 
 $50 \pm 2 \Omega$ 
 $50 \pm 2 \Omega$ 
 $50 \pm 2 \Omega$ 

Capacità  
Capacitance

85 nF/km

85 nF/km

85 nF/km

85 nF/km


Velocità di propagazione  
Propagation velocity

80%

80%

80%

80%


Attenuazione dB/100 m  
Attenuation dB/100 m

5 MHz

2.80

1.00

10 MHz

3.90

3.50

1.80

1.30

50 MHz

8.40

7.90

3.80

4.75

100 MHz

12.60

11.80

5.90

5.80

200 MHz

16.50

8.10

400 MHz

24.00

13.00

1000 MHz

39.00

21.00

3000 MHz



DT 50/7

RT 50/20

RT 50/10

### Applicazioni Applications

DT 50/7











RT 50/20

RT 50/10

Trasmissione dati  
Data transmission

Radio Frequenza  
Radio Frequency

Radio Frequenza  
Radio Frequency

	DT 50/7	RT 50/20	RT 50/10
 Conduttore interno Inner conductor	Cu Sn 1 x 2.17 ø = 2.17 mm	Cu 1 x 2.60 ø = 2.60 mm	Cu 1 x 4.60 ø = 4.60 mm
 Materiale isolamento Insulation material	PES ø = 6.27 mm	PES ø = 7.10 mm	PES ø = 11.50 mm
 Schermo Shield	Cu Sn	T Cu	T Cu
 2° schermo 2 <sup>nd</sup> shield	Al + Cu Sn	Cu	Cu
 Guaina Jacket	PVC ø = 10.20 mm	PE ø = 10.30 mm	PE ø = 16.00 mm
 Peso Weight	178 kg/km	150 kg/km	355 kg/km
 Impedenza caratteristica Characteristic impedance	50 ± 2 Ω	50 ± 2 Ω	50 ± 2 Ω
 Capacità Capacitance	85 nF/km	85 nF/km	85 nF/km
 Velocità di propagazione Propagation velocity	80%	80%	80%
 Attenuazione dB/100 m Attenuation dB/100 m			
5 MHz			
10 MHz	1.00		
50 MHz	1.30	1.15	0.85
100 MHz	4.75	2.80	2.00
200 MHz	5.80	4.00	2.80
400 MHz		6.00	4.05
1000 MHz		9.00	7.00
3000 MHz		16.00	11.50

# 50 Ω

## Dielettrico Teflon® Teflon™ Dielectric

RG 178 B/U

RG 196 A/U

RG 316/U

RG 316/D

### Applicazioni Applications

RG 178 B/U

Radio Frequenza  
Radio Frequency

Trasmissione dati  
Data transmission

Miniaturizzato  
Miniaturized

RG 196 A/U

Radio Frequenza  
Radio Frequency

Miniaturizzato  
Miniaturized

RG 316/U

Radio Frequenza  
Radio Frequency

Telecomunicazioni  
Telecommunication

RG 316/D

Radio Frequency  
Radio Frequency

Telecomunicazioni  
Telecommunication

	RG 178 B/U	RG 196 A/U	RG 316/U	RG 316/D
Conduttore interno Inner conductor	CW Ag 7 x 0.10 ø = 0.30 mm	CW Ag 7 x 0.10 ø = 0.30 mm	CW Ag 7 x 0.17 ø = 0.51 mm	CW Ag 7 x 0.17 ø = 0.51 mm
Materiale isolamento Insulation material	PTFE ø = 0.85 mm	PTFE ø = 0.85 mm	PTFE ø = 1.52 mm	PTFE ø = 1.52 mm
Schermo Shield	Cu Ag	Cu Ag	Cu Ag	Cu Ag
2° schermo 2 <sup>nd</sup> shield	—	—	—	Cu Ag
Guaina Jacket	FEP ø = 1.85 mm	PTFE ø = 2.05 mm	FEP ø = 2.50 mm	FEP ø = 3.00 mm
Peso Weight	8.5 kg/km	11 kg/km	16 kg/km	23 kg/km
Impedenza caratteristica Characteristic impedance	50 ± 2 Ω	50 ± 2 Ω	50 ± 2 Ω	50 ± 2 Ω
Capacità Capacitance	95 nF/km	95 nF/km	95 nF/km	95 nF/km
Velocità di propagazione Propagation velocity	70%	70%	70%	70%
Attenuazione dB/100 m Attenuation dB/100 m				
5 MHz				
10 MHz	17.90	17.90	10.00	10.00
50 MHz	31.80	31.80	22.00	22.00
100 MHz	44.90	44.90	29.50	29.50
200 MHz	62.00	62.00	40.00	40.00
400 MHz	92.00	92.00	54.20	54.20
1000 MHz	152.00	152.00	100.00	100.00
3000 MHz	280.00	280.00	195.00	195.00

Teflon® è un marchio registrato Du Pont  
Teflon™ is a Du Pont trade mark

# 50 Ω

## Dielettrico Teflon® Teflon™ Dielectric

RG 188 A/U

RG 303/U

RG 142 B/U

RG 400/U

### Applicazioni Applications

RG 188 A/U

Radio Frequenza  
Radio Frequency

Miniaturizzato  
Miniaturized

RG 303/U

Radio Frequenza  
Radio Frequency

Telecomunicazioni  
Telecommunication

RG 142 B/U

Radio Frequenza  
Radio Frequency

Telecomunicazioni  
Telecommunication

RG 400/U

Radio Frequenza  
Radio Frequency

Telecomunicazioni  
Telecommunication

	Conduttore interno Inner conductor	CW Ag 7 x 0.17 ø = 0.51 mm	CW Ag 1 x 0.95 ø = 0.95 mm	CW Ag 1 x 0.95 ø = 0.95 mm	CW Ag 19 x 0.20 ø = 0.95 mm
	Materiale isolamento Insulation material	PTFE ø = 1.52 mm	PTFE ø = 2.95 mm	PTFE ø = 2.95 mm	PTFE ø = 2.95 mm
	Schermo Shield	Cu Ag	Cu Ag	Cu Ag	Cu Ag
	2° schermo 2 <sup>nd</sup> shield	—	Cu Ag	Cu Ag	—
	Guaina Jacket	PTFE ø = 2.75 mm	FEP ø = 4.30 mm	FEP ø = 4.95 mm	FEP ø = 5.45 mm
	Peso Weight	16 kg/km	52 kg/km	62 kg/km	62 kg/km
	Impedenza caratteristica Characteristic impedance	50 ± 2 Ω	50 ± 2 Ω	50 ± 2 Ω	50 ± 2 Ω
	Capacità Capacitance	95 nF/km	95 nF/km	95 nF/km	95 nF/km
	Velocità di propagazione Propagation velocity	70%	70%	70%	70%
	Attenuazione dB/100 m Attenuation dB/100 m				
	5 MHz				
	10 MHz	10.00	3.60	3.60	3.60
	50 MHz	22.00	9.00	9.00	9.00
	100 MHz	29.50	12.70	12.70	12.70
	200 MHz	40.00	18.30	18.30	18.30
	400 MHz	54.20	26.00	26.00	26.00
	1000 MHz	100.00	45.10	45.10	45.10
	3000 MHz	195.00	89.00	89.00	89.00

DT 75/30

RX 75/10

RG 59 B/U

DT 59/8

### Applicazioni Applications

DT 75/30

Trasmissione dati  
Data transmission

Video

CCTV

RX 75/10

Trasmissione dati  
Data transmission

Video

CCTV

RG 59 B/U

Trasmissione dati  
Data transmission

Video

CCTV

DT 59/8

Trasmissione dati  
Data transmission

Video

CCTV


Connettore interno  
Inner conductor

CW 1 x 0.40  
ø = 0.40 mm

Cu 7 x 0.20  
ø = 0.60 mm

CW 1 x 0.58  
ø = 0.58 mm

CW 1 x 0.58  
ø = 0.58 mm

Materiale isolamento  
Insulation material

PE  
ø = 2.50 mm

PE  
ø = 3.70 mm

PE  
ø = 3.70 mm

PE  
ø = 3.70 mm

Schermo  
Shield

Cu

Cu

Cu

Cu


Guaina  
Jacket

PVC  
ø = 4.00 mm

PVC  
ø = 6.10 mm

PVC  
ø = 6.15 mm

PVC  
ø = 6.15 mm

Peso  
Weight

25 kg/km

50 kg/km

46 kg/km

45 kg/km


Impedenza caratteristica  
Characteristic impedance

75 ± 3 Ω

75 ± 3 Ω

75 ± 3 Ω

75 ± 3 Ω


Capacità  
Capacitance

67 nF/km

67 nF/km

67 nF/km

67 nF/km


Velocità di propagazione  
Propagation velocity

66%

66%

66%

66%


Attenuazione dB/100 m  
Attenuation dB/100 m

5 MHz

3.70

2.50

2.20

2.20

10 MHz

5.20

3.60

3.20

3.20

50 MHz

11.50

8.10

7.90

7.90

100 MHz

16.50

12.20

11.20

11.20

200 MHz

25.00

17.10

16.10

16.10

400 MHz

36.00

24.30

23.30

23.30

1000 MHz

58.40

41.50

39.40

39.40



RX 59/123

RG 6 A/U

RG 216/U

### Applicazioni Applications

RX 59/123

RG 6 A/U

RG 216/U

Video

Trasmissione dati  
Data transmission

Video  
Video

CATV

Video

CCTV

CCTV


Connettore interno  
Inner conductor

CW 1 x 0.58  
ø = 0.58 mm

CW 1 x 0.72  
ø = 0.72 mm

Cu Sn 7 x 0.40  
ø = 1.20 mm

Materiale isolamento  
Insulation material

PE  
ø = 3.70 mm

PE  
ø = 4.70 mm

PE  
ø = 7.25 mm

Schermo  
Shield

Cu

Cu Ag

Cu


2° schermo  
2<sup>nd</sup> shield

—

Cu

Cu


Guaina  
Jacket

LSZH  
ø = 6.20 mm

PVC  
ø = 8.43 mm

PVC  
ø = 10.80 mm

Peso  
Weight

50 kg/km

120 kg/km

190 kg/km


Impedenza caratteristica  
Characteristic impedance

75 ± 3 Ω

75 ± 3 Ω

75 ± 3 Ω


Capacità  
Capacitance

67 nF/km

67 nF/km

67 nF/km


Velocità di propagazione  
Propagation velocity

66%

66%

66%


Attenuazione dB/100 m  
Attenuation dB/100 m

5 MHz	2.20	1.90	1.22
10 MHz	3.20	2.70	1.76
50 MHz	7.90	6.20	4.60
100 MHz	11.20	9.00	6.60
200 MHz	16.10	13.50	9.10
400 MHz	23.30	19.20	14.40
1000 MHz	39.40	32.50	20.00



RG 11 A/U

RX 8/32

RG 34 B/U

### Applicazioni Applications

#### RG 11 A/U

Trasmissione dati  
Data transmission

Video

CCTV

#### RX 8/32

Radio Frequenza  
Radio Frequency

Video

#### RG 34 B/U

Radio Frequenza  
Radio Frequency

Video



Conduttore interno  
Inner conductor

Cu Sn 7 x 0.40  
ø = 1.20 mm

Cu 7 x 0.40  
ø = 1.20 mm

Cu 7 x 0.63  
ø = 1.90 mm



Materiale isolamento  
Insulation material

PE  
ø = 7.25 mm

PE  
ø = 7.25 mm

PE  
ø = 11.70 mm



Schermo  
Shield

Cu

Cu

Cu



Guaina  
Jacket

PVC  
ø = 10.30 mm

PVC  
ø = 10.30 mm

PVC  
ø = 16.00 mm



Peso  
Weight

146 kg/km

146 kg/km

330 kg/km



Impedenza caratteristica  
Characteristic impedance

75 ± 3 Ω

75 ± 3 Ω

75 ± 3 Ω



Capacità  
Capacitance

67 nF/km

67 nF/km

67 nF/km



Velocità di propagazione  
Propagation velocity

66%

66%

66%



Attenuazione dB/100 m  
Attenuation dB/100 m

5 MHz	1.22	1.22	1.00
10 MHz	1.76	1.76	1.40
50 MHz	4.60	4.60	3.10
100 MHz	6.60	6.60	4.70
200 MHz	9.10	9.10	6.20
400 MHz	14.40	14.40	9.30
1000 MHz	30.00	30.00	14.80

RX 174

RX 75/83

DT 59/14

DT 59/15

### Applicazioni Applications

RX 174

Trasmissione dati  
Data transmission

Video

RX 75/83

Trasmissione dati  
Data transmission

Video

DT 59/14

Trasmissione dati  
Data transmission

Video

CATV

DT 59/15

Trasmissione dati  
Data transmission

Video

CATV


Connettore interno  
Inner conductor

Cu Sn 7 x 0.12  
 $\phi = 0.38$  mm

Cu Sn 1 x 0.50  
 $\phi = 0.50$  mm

Cu Sn 7 x 0.30  
 $\phi = 0.90$  mm

Cu 1 x 0.81  
 $\phi = 0.81$  mm

Materiale isolamento  
Insulation material

PES  
 $\phi = 1.60$  mm

PES  
 $\phi = 2.40$  mm

PES  
 $\phi = 3.70$  mm

PES  
 $\phi = 3.70$  mm

Schermo  
Shield

Cu Sn

Al

Cu

Al


2° schermo  
2<sup>nd</sup> shield

–

Cu Sn

–

Cu Sn


Guaina  
Jacket

PVC  
 $\phi = 2.60$  mm

PVC  
 $\phi = 4.00$  mm

PVC  
 $\phi = 6.15$  mm

PVC  
 $\phi = 6.15$  mm

Peso  
Weight

12.7 kg/km

19 kg/km

50 kg/km

40 kg/km


Impedenza caratteristica  
Characteristic impedance

 $75 \pm 3 \Omega$ 
 $75 \pm 3 \Omega$ 
 $75 \pm 3 \Omega$ 
 $75 \pm 3 \Omega$ 

Capacità  
Capacitance

56 nF/km

56 nF/km

56 nF/km

56 nF/km


Velocità di propagazione  
Propagation velocity

80%

80%

80%

80%


Attenuazione dB/100 m  
Attenuation dB/100 m

5 MHz

4.30

3.60

2.00

1.90

10 MHz

6.50

5.00

3.10

2.70

50 MHz

13.80

9.00

6.50

5.90

100 MHz

18.60

13.00

9.30

8.00

200 MHz

29.00

19.70

14.10

11.20

400 MHz

43.00

29.70

19.70

15.60

1000 MHz

53.00

53.00

35.60

26.00

DT 06/16

DT 06/19

DT 11/17

### Applicazioni Applications

#### DT 06/16

Trasmissione dati  
Data transmission

Video

CATV

#### DT 06/19

Trasmissione dati  
Data transmission

Video

CATV

#### DT 11/17

Trasmissione dati  
Data transmission

Video

CATV


Connettore interno  
Inner conductor

Cu 1 x 1.02  
ø = 1.02 mm

Cu 1 x 1.02  
ø = 1.02 mm

Cu 1 x 1.63  
ø = 1.63 mm

Materiale isolamento  
Insulation material

PES  
ø = 4.60 mm

PES  
ø = 4.60 mm

PES  
ø = 7.20 mm

Schermo  
Shield

Al

Al + Cu Sn

Al


2° Schermo  
2<sup>nd</sup> shield

Cu Sn

Al + Cu Sn

Cu Sn


Guaina  
Jacket

LSZH  
ø = 7.00 mm

PVC  
ø = 7.40 mm

LSZH  
ø = 10.20 mm

Peso  
Weight

55 kg/km

75 kg/km

100 kg/km


Impedenza caratteristica  
Characteristic impedance

75 ± 3 Ω

75 ± 3 Ω

75 ± 3 Ω


Capacità  
Capacitance

56 nF/km

56 nF/km

56 nF/km


Velocità di propagazione  
Propagation velocity

80%

80%

80%


Attenuazione dB/100 m  
Attenuation dB/100 m

5 MHz	2.20	2.20	1.30
30 MHz	4.10	4.20	2.80
450 MHz	14.40	14.90	9.90
862 MHz	20.80	21.50	14.20
1000 MHz	22.70	23.10	15.60

# 75 Ω

Dielettrico Teflon®  
Teflon™ Dielectric

RG 179 B/U

RG 179/D

RG 187 B/U

RG 302/U

## Applicazioni Applications

RG 179 B/U

Trasmissione dati  
Data transmission

Video

Telecomunicazioni  
Telecommunication

RG 179/D

Trasmissione dati  
Data transmission

Video

Telecomunicazioni  
Telecommunication

RG 187 B/U

Video

Telecomunicazioni  
Telecommunication

RG 302/U

Video

	RG 179 B/U	RG 179/D	RG 187 B/U	RG 302/U
Conduttore interno Inner conductor	CW Ag 7 x 0.10 ø = 0.30 mm	CW Ag 7 x 0.10 ø = 0.30 mm	CW Ag 7 x 0.10 ø = 0.30 mm	CW Ag 1 x 0.64 ø = 0.64 mm
Materiale isolamento Insulation material	PTFE ø = 1.60 mm	PTFE ø = 1.60 mm	PTFE ø = 1.60 mm	PTFE ø = 3.70 mm
Schermo Shield	Cu Ag	Cu Ag	Cu Ag	Cu Ag
2° schermo 2 <sup>nd</sup> shield	–	Cu Ag	–	–
Guaina Jacket	FEP ø = 2.54 mm	FEP ø = 3.00 mm	PTFE ø = 2.79 mm	FEP ø = 5.23 mm
Peso Weight	16 kg/km	17 kg/km	17 kg/km	56 kg/km
Impedenza caratteristica Characteristic impedance	75 ± 3 Ω	75 ± 3 Ω	75 ± 3 Ω	75 ± 3 Ω
Capacità Capacitance	64 nF/km	64 nF/km	64 nF/km	64 nF/km
Velocità di propagazione Propagation velocity	70%	70%	70%	70%
Attenuazione dB/100 m Attenuation dB/100 m				
5 MHz	10.80	10.80	10.80	3.70
10 MHz	23.00	23.00	23.00	8.00
50 MHz	30.00	30.00	30.00	12.10
100 MHz	42.00	42.00	42.00	18.10
200 MHz	55.00	55.00	55.00	25.00
400 MHz	100.00	100.00	100.00	42.00
1000 MHz				



RX 93

RG 62 A/U

RG 62 B/U

DT 62/25

### Applicazioni Applications

RX 93

Trasmissione dati  
Data transmission

Video

Miniaturizzato  
Miniature

RG 62 A/U

Trasmissione dati  
Data transmission

Video

RG 62 B/U

Trasmissione dati  
Data transmission

Video

DT 62/25

Trasmissione dati  
Data transmission

Video


Connettore interno  
Inner conductor

Cu Sn 1 x 0.40  
ø = 0.40 mm

CW 1 x 0.64  
ø = 0.64 mm

CW 7 x 0.20  
ø = 0.60 mm

CuW 1 x 0.64  
ø = 0.64 mm

Materiale isolamento  
Insulation material

Air-PE  
ø = 2.50 mm

Air-PE  
ø = 3.70 mm

Air-PE  
ø = 3.70 mm

Air-PE  
ø = 3.70 mm

Schermo  
Shield

Cu Sn

Cu

Cu

Cu


Guaina  
Jacket

PVC  
ø = 4.00 mm

PVC  
ø = 6.15 mm

PVC  
ø = 6.15 mm

PVC  
ø = 6.60 mm

Peso  
Weight

24 kg/km

50 kg/km

50 kg/km

60 kg/km


Impedenza caratteristica  
Characteristic impedance

93 ± 5 Ω

93 ± 5 Ω

93 ± 5 Ω

93 ± 5 Ω


Capacità  
Capacitance

44 nF/km

44 nF/km

44 nF/km

44 nF/km


Velocità di propagazione  
Propagation velocity

84%

84%

84%

84%


Attenuazione dB/100 m  
Attenuation dB/100 m

5 MHz	3.00	1.95	2.00	1.95
10 MHz	4.30	2.80	2.95	2.80
50 MHz	9.60	6.20	6.60	6.20
100 MHz	14.20	8.80	9.50	8.80
200 MHz	20.00	12.50	13.80	12.50
400 MHz	28.20	17.40	20.40	17.40
1000 MHz		28.50	36.00	28.50



DT 62/26

RG 71 B/U

RG 133 A/U

RG 63 B/U

### Applicazioni Applications

DT 62/26

Trasmissione dati  
Data transmission

Video

RG 71 B/U

Trasmissione dati  
Data transmission

Video

RG 133 A/U

Trasmissione dati  
Data transmission

Video

RG 63 B/U

Trasmissione dati  
Data transmission

Video


Connettore interno  
Inner conductor

CW 1 x 0.64  
ø = 0.64 mm

CW 1 x 0.64  
ø = 0.64 mm

Cu 1 x 0.64  
ø = 0.64 mm

CW 1 x 0.64  
ø = 0.64 mm

Materiale isolamento  
Insulation material

Air-PE  
ø = 3.70 mm

Air-PE  
ø = 3.70 mm

PE  
ø = 7.25 mm

Air-PE  
ø = 7.25 mm

Schermo  
Shield

Cu

Cu

Cu

Cu


2° schermo  
2<sup>nd</sup> shield

–

Cu Sn

–

–


Guaina  
Jacket

PE  
ø = 6.15 mm

PE  
ø = 6.10 mm

PVC  
ø = 10.30 mm

PVC  
ø = 10.30 mm

Peso  
Weight

48 kg/km

60 kg/km

145 kg/km

125 kg/km


Impedenza caratteristica  
Characteristic impedance

93 ± 5 Ω

93 ± 5 Ω

95 ± 5 Ω

125 ± 6 Ω


Capacità  
Capacitance

44 nF/km

44 nF/km

53 nF/km

32 nF/km


Velocità di propagazione  
Propagation velocity

84%

84%

66%

84%


Attenuazione dB/100 m  
Attenuation dB/100 m

5 MHz

1.95

1.95

1.40

1.20

10 MHz

2.80

2.80

2.00

1.70

50 MHz

6.20

6.20

4.60

3.60

100 MHz

8.80

8.80

6.60

4.90

200 MHz

12.50

12.50

9.10

7.50

400 MHz

17.40

17.40

13.00

11.20

1000 MHz

28.50

28.50

20.00

19.00

RX 93/103

DT 93/21

RX 93 PES

### Applicazioni Applications

RX 93/103

Trasmissione dati  
Data transmission

Video

Miniaturizzato  
Miniaturized

DT 93/21

Trasmissione dati  
Data transmission

Video

Miniaturizzato  
Miniaturized

RX 93 PES

Trasmissione dati  
Data transmission

Video


Conduttore interno  
Inner conductor

Cu Sn 1 x 0.20  
ø = 0.20 mm

Cu Sn 1 x 0.25  
ø = 0.25 mm

Cu Sn 1 x 0.40  
ø = 0.40 mm

Materiale isolamento  
Insulation material

PES  
ø = 1.30 mm

PES  
ø = 1.52 mm

PES  
ø = 2.50 mm

Schermo  
Shield

Cu Sn

Al

Cu Sn


Guaina  
Jacket

PET  
ø = 2.10 mm

PVC  
ø = 2.90 mm

PVC  
ø = 4.00 mm

Peso  
Weight

9 kg/km

15 kg/km

22 kg/km


Impedenza caratteristica  
Characteristic impedance

93 ± 5 Ω

93 ± 5 Ω

93 ± 5 Ω


Capacità  
Capacitance

44 nF/km

46 nF/km

45 nF/km


Velocità di propagazione  
Propagation velocity

80%

80%

80%


Attenuazione dB/100 m  
Attenuation dB/100 m

5 MHz	5.20	6.70	3.50
10 MHz	7.30	9.60	5.05
50 MHz	17.10	21.50	11.07
100 MHz	24.30	29.40	16.30
200 MHz	34.30	41.10	23.00
400 MHz	50.00	58.00	35.00
1000 MHz			

RG 180 B/U

RG 195 A/U

## Applicazioni Applications

### RG 180 B/U

Radio Frequenza  
Radio Frequency

Trasmissione dati  
Data transmission

Video

### RG 195 A/U

Radio Frequenza  
Radio Frequency

Trasmissione dati  
Data transmission

Video



Conduttore interno  
Inner conductor

CW Ag 7 x 0.10  
ø = 0.30 mm

CW Ag 7 x 0.10  
ø = 0.30 mm



Materiale isolamento  
Insulation material

PTFE  
ø = 2.59 mm

PTFE  
ø = 2.59 mm



Schermo  
Shield

Cu Ag

Cu Ag



Guaina  
Jacket

FEP  
ø = 3.68 mm

PTFE  
ø = 3.93 mm



Peso  
Weight

29 kg/km

31 kg/km



Impedenza caratteristica  
Characteristic impedance

95 ± 5 Ω

95 ± 5 Ω



Capacità  
Capacitance

50 nF/km

50 nF/km



Velocità di propagazione  
Propagation velocity

70%

70%



Attenuazione dB/100 m  
Attenuation dB/100 m

5 MHz		
10 MHz	8.00	8.00
50 MHz	18.10	18.10
100 MHz	22.40	22.40
200 MHz	32.20	32.20
400 MHz	48.80	48.80
1000 MHz	75.00	75.00

RG 108 A/U

DR 120/7

DR 120/8

RG 130/U

### Applicazioni Applications

RG 108 A/U

Trasmissione dati  
Data transmission

Video

DR 120/7

Trasmissione dati  
Data transmission

Video

DR 120/8










Trasmissione dati  
Data transmission

Video

RG 130/U

Trasmissione dati  
Data transmission

Video

	Conduttore interno Inner conductor	2 x Cu Sn 7 x 0.32 ø = 0.96 mm	2 x Cu Sn 7 x 0.18 ø = 0.54 mm	2 x Cu Sn 7 x 0.20 ø = 0.60 mm	2 x Cu 7 x 0.72 ø = 2.16 mm
	Materiale isolamento Insulation material	PE ø = 2.0/4.0 mm	PE ø = 2.0/4.0 mm	PES ø = 2.2/4.4 mm	PE ø = 4.8/12.0 mm
	Schermo Shield	Cu Sn	Al	Al	Cu Sn
	Guaina Jacket	PVC ø = 6.00 mm	PVC ø = 6.15 mm	PVC ø = 6.90 mm	PVC ø = 15.90 mm
	Peso Weight	44 kg/km	45 kg/km	60 kg/km	360 kg/km
	Impedenza caratteristica Characteristic impedance	78 ± 7 Ω	124 ± 5 Ω	120 ± 5 Ω	95 ± 5 Ω
	Capacità Capacitance	80 nF/km	40 nF/km	42 nF/km	53 nF/km
	Velocità di propagazione Propagation velocity	66%	66%	81%	66%
	Attenuazione dB/100 m Attenuation dB/100 m				
	5 MHz	5.20	3.90	3.30	1.50
	10 MHz	7.50	5.60	4.70	2.20
	50 MHz	17.00	11.80	10.10	4.90
	100 MHz	24.60	16.40	13.90	7.00
	200 MHz	36.10	22.60	19.20	17.80
	400 MHz	52.50	31.50	26.70	25.50
	1000 MHz	85.00			41.00



DR 105/5

DR 105/34

RG 22 B/U

DR 120/9

### Applicazioni Applications

	DR 105/5	DR 105/34	RG 22 B/U	DR 120/9
Trasmissione dati <i>Data transmission</i>	Trasmissione dati <i>Data transmission</i>	Trasmissione dati <i>Data transmission</i>	Trasmissione dati <i>Data transmission</i>	Trasmissione dati <i>Data transmission</i>
Video	Video	Video	Video	Video
Conduttore interno <i>Inner conductor</i>	1 x Cu Sn 7 x 0.32 1 x Cu 7 x 0.32 ø = 0.96 mm	1 x Cu Sn 7 x 0.32 1 x Cu 7 x 0.32 ø = 0.96 mm	2 x Cu Sn 7 x 0.39 ø = 1.20 mm	2 x Cu Sn 1 x 1.30 ø = 1.30 mm
Materiale isolamento <i>Insulation material</i>	PE ø = 2.25/6.0 mm	PE + Air-PE ø = 2.25/6.0 mm	PE ø = 2.25/7.25 mm	PES ø = 4.0/8.0 mm
Schermo <i>Shield</i>	Cu Sn	Cu Sn	Cu Sn	Al
2° Schermo <i>2<sup>nd</sup> shield</i>	–	–	Cu Sn	Cu Sn
Guaina <i>Jacket</i>	PVC ø = 8.25 mm	PVC ø = 8.25 mm	PVC ø = 10.80 mm	PVC ø = 11.20 mm
Peso <i>Weight</i>	100 kg/km	98 kg/km	180 kg/km	150 kg/km
Impedenza caratteristica <i>Characteristic impedance</i>	105 ± 5 Ω	105 ± 5 Ω	95 ± 5 Ω	124 ± 5 Ω
Capacità <i>Capacitance</i>	51 nF/km	50 nF/km	53 nF/km	40 nF/km
Velocità di propagazione <i>Propagation velocity</i>	66%	66%	66%	81%
Attenuazione dB/100 m <i>Attenuation dB/100 m</i>				
5 MHz	2.40	2.40	1.80	1.95
10 MHz	3.50	3.50	2.60	2.80
50 MHz	8.40	8.40	6.60	5.00
100 MHz	11.80	11.80	9.90	8.70
200 MHz	17.00	17.00	14.80	12.30
400 MHz	25.00	25.00	22.30	18.00
1000 MHz	40.00	40.00	39.40	



# Corrispondenze fra i tipi secondo MIL C-17







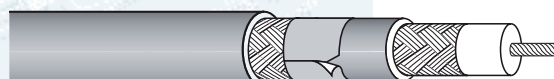
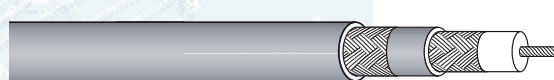
## Cross Reference List Between C-17 Types

DENOMINAZIONE REFERENCE	SUPERATI OBSOLETE	DENOMINAZIONE ATTUALE PRESENT REFERENCE	NUOVA DENOMINAZIONE NEW REFERENCE	INTERCOND REF/TYPE	PAGINA PAGE
RG 6 A/U	RG 6/U	M 17/2 - RG 6		RG 6A/U	14
RG 11 A/U	RG 11/U	M 17/6 - RG11		RG 11A/U	15
RG 22 B/U	RG 22 A/U	M 17/15 - RG 22		RG 22B/U	24
RG 34 B/U	RG 34 A/U	M 17/24 - RG 34		RG 34B/U	15
RG 58 C/U	RG 58 A/U	M 17/28 - RG 58	M 17/155 - 00001	RG 58C/U	6
RG 59 B/U	RG 59 A/U	M 17/29 - RG 59		RG 59B/U	13
RG 62 A/U	RG 62/U	M 17/30 - RG 62		RG 62A/U	19
RG 63 B/U	RG 63 A/U	M 17/31 - RG 63		RG 63B/U	20
RG 71 B/U	RG 71 A/U	M 17/90 - RG 71		RG 71B/U	20
RG 108 A/U	RG 108/U	M 17/45 - RG 108		RG 108A/U	23
RG 130/U	-	M 17/56 - RG 130		RG 130/U	23
RG 133 A/U	-	M 17/100 - RG 133		RG 133A/U	20
RG 142 B/U	RG 142/U	M 17/60 - RG 142	M 17/158 - 00001	RG 142B/U	12
RG 174 A/U	RG 174/U	M 17/119 - RG 174	M 17/173 - 00001	RG 174	6
RG 177/U	-	M 17/67 - RG 177	M 17/160 - 00001	RG 177/U	8
RG 178 B/U	RG 178/U	M 17/93 - RG 178	M 17/169 - 00001	RG 178B/U	11
RG 178 B/U	RG 196 A/U	-	M 17/169 - 00001	RG 178B/U	11
RG 179 B/U	RG 179 A/U	M 17/94 - RG 179		RG 179B/U	18
RG 180 B/U	RG 180 A/U	M 17/95 - RG 180		RG 180B/U	22
RG 180 B/U	RG 195 A/U	M 17/95 - RG 180		RG 180B/U	22
RG 187 B/U	-	-	-	RG 187B/U	18
RG 212/U	RG 5 B/U	M 17/73 - RG 212	M 17/162 - 00001	RG 212/U	7
RG 213/U	RG 8 A/U	M 17/74 - RG 213	M 17/163 - 00001	RG 213/U	7
RG 214/U	RG 9 B/U	M 17/75 - RG 214	M 17/164 - 00001	RG 214/U	7
RG 216/U	RG 13 A/U	M 17/77 - RG 216		RG 216/U	14
RG 217/U	RG 14 A/U	M 17/78 - RG 217	M 17/165 - 00001	RG 217/U	8
RG 218/U	RG 17 A/U	M 17/79 - RG 218		RG 218/U	8
RG 220/U	RG 19 A/U	-	M 17/181 - 00001	RG 220/U	8
RG 223/U	RG 55 B/U	M 17/84 - RG 223	M 17/167 - 00001	RG 223/U	7
RG 302/U	-	M 17/110 - RG 302	-	RG 302/U	18
RG 303/U	RG 141 /U	M 17/111 - RG 303	M 17/170 - 00001	RG 303/U	12
RG 316/U	RG 188 A/U	M 17/113 - RG 316	M 17/172 - 00001	RG 316/U	11
RG 400/U	-	M 17/128 - RG 400	M 17/175 - 00001	RG 400/U	12

# Sommario

## Table of Contents

Pagina  
Page

	75 $\Omega$	Cavi coassiali miniatura Broadcast <i>Miniaturized Broadcast Coaxial Cables</i>	110
	75 $\Omega$	Cavi coassiali Broadcast <i>Broadcast Coaxial Cables</i>	111
	75 $\Omega$	Cavi coassiali Broadcast <i>Broadcast Coaxial Cables</i>	112
	75 $\Omega$	Cavi mini - multicoassiali <i>Mini - Multicoaxial Cables</i>	113
	75 $\Omega$	Cavi multicoassiali <i>Multicoaxial Cables</i>	114
	75 $\Omega$	Triassiali 75 $\Omega$ <i>Triaxial 75 <math>\Omega</math></i>	115
	75 $\Omega$	Triassiali 75 $\Omega$ LSZH - IEC 332-3C <i>Triaxial 75 <math>\Omega</math> LSZH - IEC 332-3C</i>	116
	50 $\Omega$	Triassiali 50 $\Omega$ <i>Triaxial 50 <math>\Omega</math></i>	117

# CAVI COASSIALI

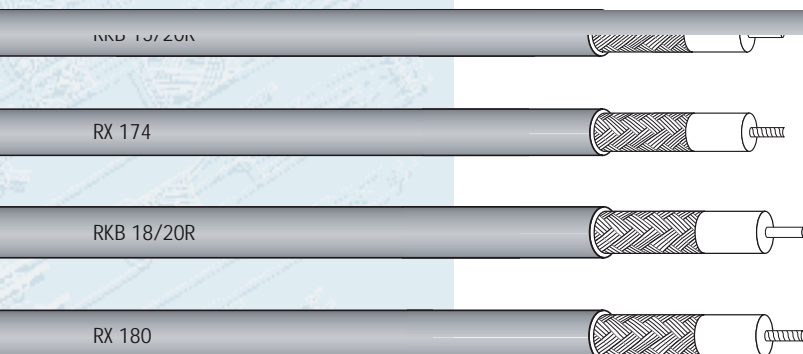
---

## *COAXIAL CABLES*

### **Cavi coassiali video broadcast**

---

*Broadcast Video  
Coaxial Cables*



### Applicazioni Applications

#### RKB 15/20R

Broadcast  
Video

#### RX 174










Broadcast  
Video

#### RKB 18/20R

Broadcast  
Video

#### RX 180

Broadcast  
Video

	RKB 15/20R	RX 174	RKB 18/20R	RX 180
 Conduttore interno Inner conductor	Cu Sn 1 x 0.30 ø = 0.30 mm	Cu Sn 7 x 0.13 ø = 0.38 mm	Cu 1 x 0.40 ø = 0.40 mm	Cu Sn 7 x 0.15 ø = 0.48 mm
 Materiale isolamento Insulation material	PES ø = 1.50 mm	PES ø = 1.60 mm	PES ø = 1.80 mm	PES ø = 1.95 mm
 Schermo Shield	Cu Sn	Cu Sn	Cu Sn	Cu Sn
 Guaina Jacket	PVC ø = 2.45 mm	PVC ø = 2.60 mm	PVC ø = 2.70 mm	PVC ø = 3.30 mm
 Peso Weight	11 kg/km	12.7 kg/km	13 kg/km	17.5 kg/km
 Impedenza caratteristica Characteristic impedance	75 ± 3 Ω	75 ± 3 Ω	75 ± 3 Ω	75 ± 3 Ω
 Capacità Capacitance	56 nF/km	56 nF/km	56 nF/km	56 nF/km
 Velocità di propagazione Propagation velocity	80%	80%	80%	80%
 Attenuazione dB/100 m Attenuation dB/100 m				
5 MHz	5.20	4.30	3.90	3.50
10 MHz	7.30	6.50	5.30	6.00
50 MHz	17.05	13.80	12.30	11.20
100 MHz	24.30	18.60	17.60	16.00
200 MHz	34.30	29.00	25.30	23.00
400 MHz	50.10	43.00	35.75	32.00
1000 MHz				53.00

RKB 25/20R

RX 182

RKC 30/10M

DT 59/15X

### Applicazioni Applications

RKB 25/20R

RX 182

RKC 30/10M

DT 59/15X

Broadcast  
Video

Broadcast  
Video

Broadcast  
Video

Broadcast  
Video

Condotto interno  
Inner conductor

Cu Sn 1 x 0.50  
ø = 0.50 mm

Cu Sn 7 x 0.20  
ø = 0.60 mm

Cu 1 x 0.60  
ø = 0.60 mm

Cu 1 x 0.80  
ø = 0.80 mm

Materiale isolamento  
Insulation material

PES  
ø = 2.40 mm

PES  
ø = 2.60 mm

PES  
ø = 2.80 mm

PES  
ø = 3.50 mm

Schermo  
Shield

Cu Sn

Cu Sn

Al

Al


2° schermo  
2<sup>nd</sup> shield

Cu Sn

Cu Sn


Guaina  
Jacket

PVC  
ø = 4.00 mm

PVC  
ø = 4.20 mm

LSZH  
ø = 4.50 mm

LSZH  
ø = 5.0 mm

Peso  
Weight

18.5 kg/km

22 kg/km

40 kg/km

21 kg/km


Impedenza caratteristica  
Characteristic impedance

75 ± 3 Ω

75 ± 2 Ω

75 ± 3 Ω

75 ± 2 Ω


Capacità  
Capacitance

56 nF/km

56 nF/km

60 nF/km

56 nF/km


Velocità di propagazione  
Propagation velocity

80%

80%

80%

80%


Attenuazione dB/100 m  
Attenuation dB/100 m

5 MHz

3.40

3.60

2.90

2.00

10 MHz

4.30

5.00

4.20

2.80

50 MHz

9.20

9.00

8.80

6.20

100 MHz

13.80

13.00

12.20

8.40

200 MHz

22.50

19.70

17.30

11.80

400 MHz

25.00

23.70

25.00

16.40

1000 MHz

53.00

53.00

41.00

27.30



RX 75/80

RJR 37/10M

RJD 37/11R

RJD 49/11R

### Applicazioni Applications

RX 75/80

Broadcast  
Video  
  
CCTV

RJR 37/10M











Broadcast  
Video  
  
CCTV

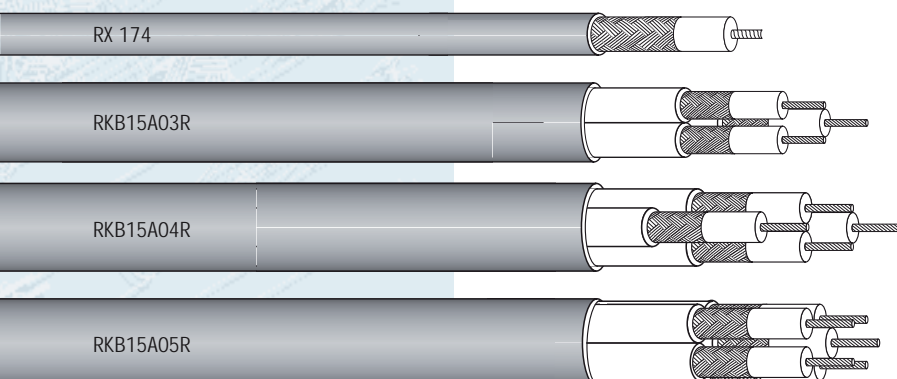
RJD 37/11R

Broadcast  
Video

RJD 49/11R

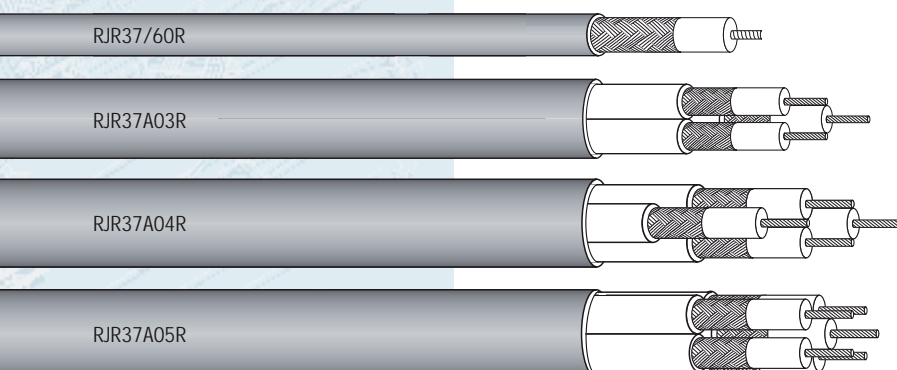
Broadcast  
Video

	RX 75/80	RJR 37/10M	RJD 37/11R	RJD 49/11R
 Conduttore interno Inner conductor	Cu 1 x 0.58 ø = 0.58 mm	Cu 1 x 0.58 ø = 0.58 mm	Cu 1 x 0.60 ø = 0.60 mm	Cu 1 x 0.80 ø = 0.80 mm
 Materiale isolamento Insulation material	PE ø = 3.70 mm	PE ø = 3.70 mm	PE ø = mm 3,75	PE ø = mm 4,90
 Schermo Shield	Cu	Cu	Cu Sn	Cu Sn
 2° schermo 2 <sup>nd</sup> shield	Cu Sn	Cu Sn	Cu Sn	Cu Sn
 Guaina Jacket	PVC ø = 6.20 mm	LSHZ GREEN ø = 6.20 mm	PVC or LSZH ø = 6.50 mm	PVC ø = 7.60 mm
 Peso Weight	60 kg/km	60 kg/km	74 kg/km	103 kg/km
 Impedenza caratteristica Characteristic impedance	75 ± 2 Ω	75 ± 2 Ω	75 ± 1 Ω	75 ± 1 Ω
 Capacità Capacitance	67 nF/km	67 nF/km	68.5 nF/km	69 nF/km
 Velocità di propagazione Propagation velocity	66%	66%	66%	66%
 Attenuazione dB/100 m Attenuation dB/100 m				
5 MHz	2.20	2.20	2.36	1.80
10 MHz	3.20	3.20	3.70	2.70
50 MHz	7.90	7.90	8.30	6.20
100 MHz	11.20	11.20	11.80	8.70
200 MHz	16.10	16.10	16.70	12.40
400 MHz	23.30	23.30	23.70	18.00
1000 MHz	39.40	39.40	37.50	30.90













### Applicazioni Applications

	RX 174	RKB15A03R	RKB15A04R	RKB15A05R
	Broadcast Video	Broadcast Video	Broadcast Video	Broadcast Video
Conduttore interno Inner conductor	Cu Sn 7 x 0.12 ø = 0.30 mm	Cu Sn 7 x 0.12 ø = 0.30 mm	Cu Sn 7 x 0.12 ø = 0.30 mm	Cu Sn 7 x 0.12 ø = 0.30 mm
Materiale isolamento Insulation material	FOAM SKIN PE ø = 1.60 mm	FOAM SKIN PE ø = 1.60 mm	FOAM SKIN PE ø = 1.60 mm	FOAM SKIN PE ø = 1.60 mm
Schermo Shield	Cu Sn	Cu Sn	Cu Sn	Cu Sn
Guaina interna Inner sheath		PVC ø = 2.45 mm red+green+blu	PVC ø = 2.45 mm red+green+blu+black	PVC ø = 2.45 mm red+green+blu+black+white
Guaina esterna Outer sheath	PVC ø = 2.45 mm	Antistatic PVC ø = 8.00 mm	Antistatic PVC ø = 8.90 mm	Antistatic PVC ø = 9.60 mm
Peso Weight	12.7 kg/km	85 kg/km	98 kg/km	110 kg/km
Impedenza caratteristica Characteristic impedance	75 ± 3 Ω	75 ± 3 Ω	75 ± 3 Ω	75 ± 3 Ω
Capacità Capacitance	56 nF/km	56 nF/km	56 nF/km	56 nF/km
Velocità di propagazione Propagation velocity	80%	80%	80%	80%
Attenuazione dB/100 m Attenuation dB/100 m				
5 MHz	4.30	4.30	4.30	4.30
10 MHz	6.50	6.50	6.50	6.50
50 MHz	13.80	13.80	13.80	13.80
100 MHz	18.60	18.60	18.60	18.60
200 MHz	29.00	29.00	29.00	29.00
400 MHz	43.00	43.00	43.00	43.00
1000 MHz				



### Applicazioni Applications

	RJR37/60R	RJR37A03R	RJR37A04R	RJR37A05R
	Broadcast Video	Broadcast Video	Broadcast Video	Broadcast Video
 Conduttore interno Inner conductor	Cu 7 x0.20 ø = 0.60 mm	Cu 7 x0.20 ø = 0.60 mm	Cu 7 x0.20 ø = 0.60 mm	Cu 7 x0.20 ø = 0.60 mm
 Materiale isolamento Insulation material	PE ø = 3.70 mm	PE ø = 3.70 mm	PE ø = 3.70 mm	PE ø = 3.70 mm
 Schermo Shield	Cu	Cu	Cu	Cu
 Guaina interna Inner sheath		PVC ø =6.10 mm red+green+blu	PVC ø =6.10 mm red+green+blu+black	PVC ø =6.10 mm red+green+blu+black+white
 Guaina esterna Outer sheath	PVC ø =6.10 mm	Antistatic PVC ø = 16.00 mm	Antistatic PVC ø = 17.60 mm	Antistatic PVC ø = 18.70 mm
 Peso Weight	56 kg/km	295 kg/km	350 kg/km	400 kg/km
 Impedenza caratteristica Characteristic impedance	75 ± 3 Ω	75 ± 3 Ω	75 ± 3 Ω	75 ± 3 Ω
 Capacità Capacitance	67 nF/km	67 nF/km	67 nF/km	67 nF/km
 Velocità di propagazione Propagation velocity	66%	66%	66%	66%
 Attenuazione dB/100 m Attenuation dB/100 m				
5 MHz	2.50	2.50	2.50	2.50
10 MHz	3.60	3.60	3.60	3.60
50 MHz	8.10	8.10	8.10	8.10
100 MHz	12.20	12.20	12.20	12.20
200 MHz	17.10	17.10	17.10	17.10
400 MHz	24.30	24.30	24.30	24.30
1000 MHz	41.50	41.50	41.50	41.50

RX 75/55

RX 75/56

RX 75/57

### Applicazioni

#### Applications

RX 75/55











Video

RX 75/56

Video

RX 75/57

Video

	RX 75/55	RX 75/56	RX 75/57
 Conduttore interno Inner conductor	Cu Ag 1 x 1.00 ø = 1.00 mm	Cu Ag 1 x 1.40 ø = 1.40 mm	Cu Ag 7 x 0.72 ø = 2.16 mm
 Materiale isolamento Insulation material	PES ø = 4.70 mm	PES ø = 6.50 mm	PES ø = 9.70 mm
 Schermo Shield	Cu Ag ≥ 90%	Cu Ag ≥ 90%	Cu Ag ≥ 90%
 Guaina primaria Inner sheath	PE ø = 6.60 mm	PE ø = 8.60 mm	PE ø = 11.80 mm
 2° schermo 2 <sup>nd</sup> shield	Cu ≥ 90%	Cu ≥ 90%	Cu ≥ 90%
 Guaina Jacket	PUR o PVC rosso Red PVC or PUR ø = 8.50 mm	PUR o PVC rosso Red PVC or PUR ø = 11.00 mm	PUR o PVC rosso Red PVC or PUR ø = 14.00 mm
 Impedenza caratteristica Characteristic impedance	75 ± 3 Ω	75 ± 3 Ω	75 ± 3 Ω
 Capacità Capacitance	56 nF/km	56 nF/km	56 nF/km
 Velocità di propagazione Propagation velocity	80%	80%	80%
 Attenuazione dB/100 m Attenuation dB/100 m			
5 MHz	1.80	1.13	0.80
10 MHz	2.10	1.60	1.10
50 MHz	5.95	3.58	2.60
100 MHz	9.00	5.20	3.90
200 MHz			
400 MHz			
1000 MHz			



RX 75/55-V1

RX 75/56-V1

RX 75/57-V1

### Applicazioni Applications

RX 75/55-V1











Video

RX 75/56-V1

Video

RX 75/57-V1

Video

	RX 75/55-V1	RX 75/56-V1	RX 75/57-V1
 Conduttore interno Inner conductor	Cu Ag 1 x 1.00 $\varnothing = 1.00$ mm	Cu Ag 1 x 1.40 $\varnothing = 1.40$ mm	Cu Ag 7 x 0.72 $\varnothing = 2.16$ mm
 Materiale isolamento Insulation material	PES $\varnothing = 4.70$ mm	PES $\varnothing = 6.50$ mm	PES $\varnothing = 9.70$ mm
 Schermo Shield	Cu Ag $\geq 90\%$	Cu Ag $\geq 90\%$	Cu Ag $\geq 90\%$
 Guaina primaria Inner sheath	Elastomer LSZH $\varnothing = 6.60$ mm	Elastomer LSZH $\varnothing = 8.60$ mm	Elastomer LSZH $\varnothing = 11.80$ mm
 2° schermo 2 <sup>nd</sup> shield	Al+Cu $\geq 90\%$	Al+Cu $\geq 90\%$	Al+Cu $\geq 90\%$
 Guaina Jacket	LSZH $\varnothing = 8.50$ mm Green	LSZH $\varnothing = 11.00$ mm Green	LSZH $\varnothing = 14.00$ mm Green
 Impedenza caratteristica Characteristic impedance	$75 \pm 3 \Omega$	$75 \pm 3 \Omega$	$75 \pm 3 \Omega$
 Capacità Capacitance	56 nF/km	56 nF/km	56 nF/km
 Velocità di propagazione Propagation velocity	80%	80%	80%
 Attenuazione dB/100 m Attenuation dB/100 m			
5 MHz	1.80	1.13	0.80
10 MHz	2.10	1.60	1.10
50 MHz	5.95	3.58	2.60
100 MHz	9.00	5.20	3.90
200 MHz			
400 MHz			
1000 MHz			



RX 58/39

RX 50/100

RX 08/101

#### Applicazioni Applications

RX 58/39

Radio frequenza  
Radio frequency

Trasmissione dati  
Data transmission

RX 50/100

Radio frequenza  
Radio frequency

Trasmissione dati  
Data transmission

RX 08/101

Radio frequenza  
Radio frequency

Trasmissione dati  
Data transmission



Conduttore interno  
Inner conductor

Cu Sn 19 x 0.18  
ø = 0.90 mm

Cu 1 x 1.40  
ø = 1.40 mm

Cu Sn 7 x 0.85  
ø = 2.55 mm



Materiale isolamento  
Insulation material

PE  
ø = 2.90 mm

PE  
ø = 4.80 mm

PES  
ø = 7.25 mm



Schermo  
Shield

Cu Sn ≥ 96%

Cu ≥ 90%

Cu ≥ 96%



Guaina primaria  
Inner sheath

PE  
ø = 4.40 mm

PE  
ø = 7.20 mm

PE  
ø = 10.10 mm



2° schermo  
2<sup>nd</sup> shield

Cu Sn ≥ 91%

Cu ≥ 90%

Cu ≥ 95%



Guaina  
Jacket

PVC grigio  
Grey PVC  
ø = 6.50 mm

PVC nero  
Black PVC  
ø = 9.80 mm

PVC nero  
Black PVC  
ø = 12.20 mm



Impedenza caratteristica  
Characteristic impedance

50 ± 2 Ω

50 ± 2 Ω

50 ± 2 Ω



Capacità  
Capacitance

100 nF/km

100 nF/km

85 nF/km



Velocità di propagazione  
Propagation velocity

66%

66%

80%



Attenuazione dB/100 m  
Attenuation dB/100 m

5 MHz			
10 MHz	4.70	2.80	1.80
50 MHz	11.20	6.20	3.80
100 MHz	17.80	8.80	5.90
200 MHz	24.00	13.50	8.10
400 MHz	37.50	19.00	13.00
1000 MHz	60.00	31.20	21.00