

Description

Double-shielded Drop Coaxial Cable, for digital reception - 75 Ohm

Indoor installation cable (Screening attenuation - Class A++)

**Data Sheet****RP913B**

Ø	1,13	4,75	4,90	5,30	6,60
	(Cu)	(PEG)	(Al/Pet)	(CuSn)	(PVC)

Class CPR acc. to UE 305/2011 (DoP)

Eca

The cable can be used in the field of application of the Construction Product Regulation (DoP) UE nr. 305/2011 for the class of performance specified on the related product label.

Standards

EN50117-9-2

CEI-UNEL 36762

Reaction to Fire

EN50575

Application

DOCSIS 3.1 (Data Over Coax System)

CATV

8K-UHD

Indoor Installation

Construction data

Inner conductor of plain copper	(Cu)	Ø 1,13 ± 0,02	mm
Dielectric of physical foam polyethylene	(PEG)	Ø 4,75 ± 0,10	mm
Aluminum/Polyester tape longitudinally overlapped	(Al/Pet)		
Water repellent sealing (dielectric)	(Jelly1)		
Braid of tinned copper wires	(CuSn)		
Braid optical coverage (IEC 96-1)		72	%
Diameter over Braid		Ø 5,30	mm
Outer sheath of Polyvinylchloride - white - lead-free	(PVC)	Ø 6,60 ± 0,10	mm

Printed each meter by blue ink-jet :

CAVEL RP 913 B MADE IN ITALY 75 Ohm Euroclass Eca SA Class A++ EN50117-9-2 CEI-UNEL 36762 C-4
(U0 = 400V) ULTRA HD / 8K gggaa(n) m

(gggaan=batch number m=meter marking)

ITALIANA CONDUTTORI s.r.l.

Viale Zanotti 90 I - 27027 Gropello Cairoli
 Tel +39-382.815150 Fax +39-0382.814212

Date

09/03/2026

Responsible

A. Bergaglio

Description				Data Sheet
Double-shielded Drop Coaxial Cable, for digital reception - 75 Ohm				RP913B
Indoor installation cable (Screening attenuation - Class A++)				
Physical data				
Weight of copper conductors		19,07	kg/km	
Total weight of cable		44,10	kg/km	
Minimum bending radius (single/repetead bending)		35/70	mm	
Maximum cable pulling strength		150	N	
Minimum installation temperature		-5	°C	
Operating temperature		-20 / +70	°C	
Electrical data				
Characteristic impedance	200 MHz	75 ± 3	Ohm	
Capacitance (@1kHz)		52 ± 2	pF/m	
Velocity Ratio		85 %		
Inner conductor resistance		18	Ohm/km	
Outer conductor resistance		10,70	Ohm/km	
Loop resistance		28,70	Ohm/km	
Sheat Insulation voltage (spark test)		3	kV	
Maximum current (Ieff)		8	A	
Structural return loss (SRL)				
5 - 470 MHz	>30 dB			
470 - 1000 MHz	>28 dB			
1000 - 2000 MHz	>26 dB			
2000 - 3000 MHz	>22 dB			
Screening Attenuation (SA)	SA-Class A++	Transfer Impedance (Zt)		
30 - 1000 MHz	>110 dB	5 - 30 MHz	< 2,5 mOhm/m	
1000 - 2000 MHz	>105 dB			
2000 - 3000 MHz	>90 dB			
Attenuation (at 20°C)				
Frequency [MHz]	Attenuation [dB/100m]	Frequency [MHz]	Attenuation [dB/100m]	
5	1,40	690	14,90	
10	1,90	1000	18,70	
30	3,00	1750	25,70	
50	4,00	2150	28,80	
200	8,10	2400	30,60	
300	9,90	3000	34,10	
470	12,60			
ITALIANA CONDUTTORI s.r.l.		Date	Responsible	
Viale Zanotti 90 I - 27027 Gropello Cairoli		09/03/2026	A. Bergaglio	
Tel +39-382.815150 Fax +39-0382.814212				

Description

Double-shielded Drop Coaxial Cable, for digital reception - 75 Ohm

Indoor installation cable (Screening attenuation - Class A++)

**Data Sheet****RP913B****Connectors**

BNCC5.1C	Series BNC Compression, BNC Compression, for OUTDOOR installation
BNCC703	Series BNC Compression, BNC Compression, for OUTDOOR installation, nitin-plated brass - 35,0 mm x 14,0 mm
C75-5L	Indoor Fittings, 75 Ohm Terminator, for INDOOR installation
CCFM75GI	Indoor Fittings, 75 Ohm Terminator, for INDOOR installation
CS00	Stripper for Drop Cables, Standard cables from 5 to 7 mm, Tools -
DR01	Adapter, Nut and Washer, for INDOOR installation
F703	Series F Crimp, F Crimp, for INDOOR installation, nitin-plated brass - 21,0 mm x 12,0 mm
F81-HQ	Adapter, F Adapter FF, for INDOOR installation
FA703	Series F Twist-On, F Twist-On, for INDOOR installation, nitin-plated brass - 21,0 mm x 12,0 mm
FC7.0QM	Series F Compression, Quick Mount, for OUTDOOR installation
FC703	Series F Compression, F Compression, for OUTDOOR installation, nitin-plated brass - 30,0 mm x 12,0 mm
FC703C	Series F Compression, F Compression, for OUTDOOR installation
FCEM7.0C	Series F Compression, F Compression, for OUTDOOR installation, nitin-plated brass
FCPO5.1C	Series F Compression, Ø 5,1 Push-On, for OUTDOOR installation, nitin-plated brass
FM-FF90	Adapter, FM - FF 90°, for INDOOR installation
IECF5.1C	Series IEC (toolless), female, no tool, for INDOOR installation
IECF90C	Series IEC (toolless), Ø 5,1 90° female, for INDOOR installation
IECF703	Serie IEC Compression, female, no tool, for OUTDOOR installation
IECM5.1C	Series IEC (toolless), male, no tool, for INDOOR installation
IECM90C	Series IEC (toolless), Ø 5,1 90° male, for INDOOR installation
IECM703	Serie IEC Compression, male, for OUTDOOR installation
LTE790	Indoor Fittings, Filter, for INDOOR installation
MM-F703	Adapter, F Adapter MM, for INDOOR installation
MM-FR703	Adapter, F Adapter MM, for INDOOR installation
SAT2VS	Indoor Fittings, F SAT 2-way Splitter, for INDOOR installation
TV2VS	Indoor Fittings, IEC TV 2-way Splitter, for INDOOR installation

ITALIANA CONDUTTORI s.r.l.

Viale Zanotti 90 I - 27027 Gropello Cairoli
 Tel +39-382.815150 Fax +39-0382.814212

Date

09/03/2026

Responsible

A. Bergaglio