CERVICOM INTERF UNSHIELD LSHF CPR
Intercom Cable

Construction

Conductor	Bare copper wire
	Diameter: 0,51mm
Insulation	High density solid polyethylene
Assembly	Twisted pairs
General assembly	Up to 26 pairs in concentric layers
	> 25 pairs with identification thread
	Wrapping: Polyester tape
Outer sheath	Halogen free compound.
	Colour: Grey

Technical characteristics

Test Voltage	1000 V
Operating T^{a}	operation: -25°C to +75°C
Min. bending radius	12xD
Resistance unbalance	Average: 2.5%
	Maximum: 5%
Mutual capacitance	Average Max.: 56 nF/km
	Maximum: 58 nF/km
Capacitance unbalance	Average Max.: 45 (pF/km, 800 Hz) Par-Par
	Maximum: 260 (pF/km, 800 Hz) Par-Par
Attenuation (dB/100m)	0.8 kHz: 1.30 dB/km
	3.0 kHz: 2.52 dB/km
	150 kHz: 8.30 dB/km
	1000 kHz: 21.40 dB/km

Application

Unshielded telephone cable in distribution installations for subscribers inside buildings

* CPR:
Cable suitable for installation under the requirements of CPR (Construction Product Regulation (EU) N ° 305/2011) according to the classification (Euroclass) specified in this document.

Standards / Properties

CPR Classification (Euroclass)	*Dca-s2, d2, a1
	(According to UNE-EN 50575)
	*Except 2, 3 and 4 paired cables, which have a Fca category.
Flame Retardant	UNE-EN 60332-1 (IEC 60332-1)
Fire Retardant	EN 50399
Halogen free	UNE-EN 60754-1 (IEC 60754-1)
Low smoke emission	UNE-EN 61034 (IEC 61034)

flame retardant | fire retardant | halogen free | low corrosivity | low smoke opacity

Code: 201
Family: 201
Revision: 1
Date: 26/07/2018

Realized: **Approved:**

Data

Code	Nx2xØ (mm)	Ø (mm)	Weight (kg/km)	R at 20°C (Ohm/Km)
20163702	2x2x0.5	3.8	18	91
20163802	3x2x0.5	4.8	31	91
20163902	4x2x0.5	5.1	36	91
20164002	5x2x0.5	5.2	40	91
20164202	10x2x0.5	7	70	91
20164402	15x2x0.5	7.8	94	91
20164502	20x2x0.5	9	126	91
20164602	25x2x0.5	9.8	167	91
20164702	30x2x0.5	10.4	175	91
20164902	50x2x0.5	13.4	290	91
20165102	100x2x0.5	18.9	560	91

Legend

Code	Cervi codification
Nx2xØ (mm)	Number of pairs x Conductor diameter (mm)
Ø (mm)	Aprox. outer diameter (mm)
Weight (kg/km)	Approximate cable weight (kg/km)
R at 20°C (Ohm/Km)	Conductor resistance at 20ºC (Ohm/km)

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Realized:

Approved: