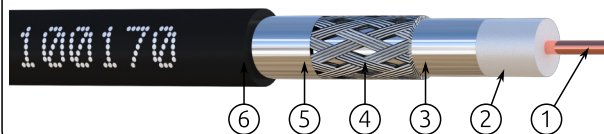




OBDULIA RAMOS BECERRIL - NIF 09312307K
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Construction

Inner conductor ①

Material	Annealed Copper
Diameter	Ø 1,13 ± 0,02 mm

Dielectric ②

Material	Cellular PE Physical
Color	Natural
Diameter	Ø 4,85 ± 0,20 mm

Outer conductor

1st Layer ③

Material	Alu/Polyester/Alu Thick Tape
Coverage	≥ 105%

2nd Layer ④

Material	Aluminum Alloy
Braiding	16 × (4 × Ø 0,12 mm)
Coverage	48% (angle 24°)

3rd Layer ⑤

Material	Alu/Polyester Tape
Coverage	≥ 105%

Sheath ⑥

Material	PE Black
Diameter	Ø 6,80 ± 0,20 mm

Mass

Mass	48 kg/km
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Marking of sheath

Printing with XXX : Quantity in meter still available per reel DDDDD : Date code	EN50117-6 17PA _T C 1.13/4.85 Class A 3Ghz - CE - elbaC 100170 - DDDDD - XXX m
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Color / Process	White / Ink jet
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Step	1 m
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Stripping force / 50 mm

Dielectric	15 N ≤ F ≤ 35 N
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Meet Standards

CE marking
European directive 2011/65/EU
EN 50575:2014/A1:2016

Electrical characteristics

Impedance	75 ± 3 Ω
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Capacitance	< 60 pF/m
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Max DC resistances (20°C)

Inner conductor	18 Ω/km
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Outer conductor	45 Ω/km
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Propagation velocity	84%
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Rated voltage	30V
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Insulation resistance (20°C)	> 500MΩ.km
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Longitudinal attenuation

Frequency MHz	Max attenuation dB/100m
5	1.5
50	4.3
100	5.9
200	8.4
400	12.0
800	17.5
862	18.3
950	19.2
1350	23.3
1750	27.0
2150	30.6
3000	36.8

Return loss

Frequency MHz	Return loss dB/100m
[5 - 30]	> 23
[30 - 470]	> 23
[470 - 862]	> 20
[862 - 1000]	> 18

Screening attenuation

Class	A
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Attenuation 30-1000 MHz	≥ 85 dB
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Thermal characteristics

CPR fire reaction class	F _{ca}
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Rated temperature	70°C
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Packaging

- P1 : 100m / elbaC black plastic reel with carton overpacking per 5 reels
- R2 : 250m / Easy Reel Box
- W5 : 500m / Wooden Drum