

RG11 Plus PE black 10,2mm 500m

Art. Number 150240



RG 11 - PE - 500m plywood drum

- Rated according to CPR EN50575 Firestandard Fca

TRIAX RG 11 cables are ideal for long cable runs in for instance residential buildings. TRIAX RG11 cables are made of high quality materials to secure high stability for many years to come. To protect signal quality the cables are highly shielded.

- Class A+
- Full copper inner conductor
- Long lifetime due to high quality materials

Technical Specifications

ORDER INFORMATION

EAN Number 5702661502408

CONSTRUCTION

Inner conductor - material	Cu
Inner conductor - dimension mm	1.7 ± 0.01 mm
Dielectric - material	Foam PE
Dielectric - dimension mm	7.2 ± 0.05 mm
1. Shield foil – material	Alu/PET bonded
2. Shield braid - material	CuSn
2. Shield braid - coverage %	55 %
3. Shield foil – material	Alu/PET bonded
Jacket - material	PE
Jacket – dimension mm	10.2 ± 0.1 mm

SHIELDING

Screening attenuation @ 30-1000 MHz | dB > 120 dB



Technical Specifications

Screening attenuation @ 1000-2000 MHz dB	> 115 dB
Screening attenuation @ 2000-3000 MHz dB	> 100 dB

TRANSFER IMPEDANCE

Transfer Impedance @ 5-30 MHz mΩ/m	< 2,5 mΩ/m
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LOSS

Attenuation (20°C/100mtr) @ 5 MHz dB	0.9 dB
Attenuation (20°C/100mtr) @ 50 MHz dB	2.7 dB
Attenuation (20°C/100mtr) @ 200 MHz dB	5.6 dB
Attenuation (20°C/100mtr) @ 470 MHz dB	8.8 dB
Attenuation (20°C/100mtr) @ 862 MHz dB	12.3 dB
Attenuation (20°C/100mtr) @ 1000 MHz dB	13.1 dB
Attenuation (20°C/100mtr) @ 1750 MHz dB	18.0 dB
Attenuation (20°C/100mtr) @ 2150 MHz dB	20.2 dB
Attenuation (20°C/100mtr) @ 2400 MHz dB	22.3 dB
Attenuation (20°C/100mtr) @ 3000 MHz dB	24.3 dB

RETURN LOSS

Structural return loss @ 5-470 MHz dB	> 26 dB
Structural return loss @ 470-1000 MHz dB	> 23 dB
Structural return loss @ 1000-2000 MHz dB	> 20 dB
Structural return loss @ 2000-3000 MHz dB	> 20 dB

ELECTRICAL

Impedance Ω	75 ± 3 Ω
Capacity pF/m	52 ± 3 pF/m
Velocity ratio %	82 %
Inner DC resistance Ω/km	< 7.5 Ω/km
Outer DC resistance Ω/km	< 9 Ω/km
Insulation Resistance MΩ/km	> 10 ⁴ MΩ/km

OPERATIONAL

Application	Outdoor
Fire Class	EN 50575 (Fca)
DoP number	TR0002
Notified Body	2479
Screening Efficiency	EN50117 (Class A+)
Suitable for	F-compression connector RG11-CX3-10.5 QM, 25 pcs. box F-compression connector RG11-CX3-11.3 QM, 25 pcs. box
Temperature - operating °C	-20...70 °C
Temperature - storage °C	-20...70 °C
Temperature - shipping °C	-20...70 °C

MECHANICAL

Cable length m	500 m
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Technical Specifications

Minimum bending radius - single/repeated mm	50/100 mm
Colour	Black
Packaging Height m	0.325 m
Packaging Width m	0.600 m
Packaging Depth m	0.600 m
Packaging Volume m3	0.000 m3
Net Weight kg	0.094 kg
Tara Weight kg	0.000 kg
Total Weight kg	0.094 kg