



RG11 Plus LSZH,wh.10,2mm,500m

Article number: 150241

Product description:

RG 11 - LSZH - 500m plywood drum

- **Rated according to CPR EN50575 Firestandard Dca**

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.

The Low Smoke Zero Halogen jacket is ideal where fire resistance is a requirement.

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

Specifications

| ORDER INFORMATION | |
|---------------------------------------|--------------------|
| EAN Number | 5702661502415 |
| CONSTRUCTION | |
| Dielectric - dimension | 7.2 ± 0.05 mm |
| Dielectric - material | PEG |
| Jacket – dimension | 10.2 ± 0.1 mm |
| Jacket - material | UV resistance LSZH |
| Shield (First) foil 1 – material | Al/Pet/Al tape |
| Shield (Second) – braid coverage | 55 % |
| Shield (Second) – braid material | CuSn |
| Third shield – foil 2 – material | Al/Pet |
| Inner conductor - material | Cu |
| Inner conductor - dimension | 1.7 ± 0.01 mm |
| SHIELDING | |
| Screening attenuation @ 1000-2000 MHz | > 115 dB |
| Screening attenuation @ 2000-3000 MHz | > 100 dB |
| Screening attenuation @ 30-1000 MHz | > 120 dB |
| TRANSFER IMPEDANCE | |
| Transfer Impedance @ 5-30 MHz | < 2,5 mΩ/m |
| CHARACTERISTICS | |

| Type | RG11 Plus |
|--|---------------|
| LOSS | |
| Attenuation (at 20°C) @ 1000 MHz | 13,1 dB |
| Attenuation (at 20°C) @ 1750 MHz | 18.0 dB |
| Attenuation (at 20°C) @ 200 MHz | 5,6 dB |
| Attenuation (at 20°C) @ 2150 MHz | 20.2 dB |
| Attenuation (at 20°C) @ 2400 MHz | 22.3 dB |
| Attenuation (at 20°C) @ 3000 MHz | 24.3 dB |
| Attenuation (at 20°C) @ 470 MHz | 8,8 dB |
| Attenuation (at 20°C) @ 50 MHz | 2,7 dB |
| Attenuation (at 20°C) @ 5 MHz | 0.9 dB |
| Attenuation (at 20°C) @ 862 MHz | 12,3 dB |
| RETURN LOSS | |
| Structural return loss @ 1000-2000 MHz | > 20 dB |
| Structural return loss @ 2000-3000 MHz | > 20 dB |
| Structural return loss @ 470-1000 MHz | > 23 dB |
| Structural return loss @ 5-470 MHz | > 26 dB |
| ELECTRICAL | |
| Capacity | 52.0 ± 3 pF/m |
| Outer DC resistance | 9 Ω/km |
| Velocity ratio | 82 % |
| Impedance | 75 ± 3 Ω |
| Inner DC resistance | 7,5 Ω/km |
| OPERATIONAL | |
| Screening Efficiency | Class A |
| Temperature - operating | -20...70 °C |
| Temperature - shipping | -20...70 °C |
| Temperature - storage | -20...70 °C |
| Application | Outdoor |
| Fire Class | Dca |
| DoP number | TR0003 |
| Notified Body | 2479 |
| MECHANICAL | |
| Colour | White |
| Packaging Depth | 0,001 m |
| Packaging Height | 0,001 m |
| Total Weight | 0,103 kg |
| Packaging Width | 0,001 m |
| Length (m) | 500 m |
| Minimum bending radius - single/repeated | 50/100 mm |
| Net Weight | 0,103 kg |