

connecting the future



RG11 Plus LSZH, wh. Cca 500m

Article number: 150244

Product description:

RG 11 - LSZH - 500m plywood drum

- Rated according to CPR EN50575 Firestandard Cca

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	5702661502446
CONSTRUCTION	
Inner conductor - material	Cu
Inner conductor - dimension	1.7 ± 0.01 mm
Dielectric - material	Foam PE
Dielectric - dimension	7.2 ± 0.05 mm
1. Shield foil – material	Alu/PET bonded
2. Shield braid - material	CuSn
2. Shield braid - dimension	Ø 0,12x7x16 mm
2. Shield braid - coverage	55 %

3. Shield foil – material	Alu/PET bonded
Jacket - material	LSZH
Jacket – dimension	10.2 ± 0.1 mm
SHIELDING	
Screening attenuation @ 30-1000 MHz	>100 dB
Screening attenuation @ 1000-2000 MHz	>120 dB
Screening attenuation @ 2000-3000 MHz	>115 dB
TRANSFER IMPEDANCE	
Transfer Impedance @ 5-30 MHz	<2,5 mΩ/m
CHARACTERISTICS	
Type	RG 11
LOSS	
Attenuation (20°C/100mtr) @ 5 MHz	0,9 dB
Attenuation (20°C/100mtr) @ 50 MHz	2,7 dB
Attenuation (20°C/100mtr) @ 200 MHz	5,6 dB
Attenuation (20°C/100mtr) @ 470 MHz	8,8 dB

Attenuation (20°C/100mtr) @ 862 MHz	12,3 dB
Attenuation (20°C/100mtr) @ 1000 MHz	13,1 dB
Attenuation (20°C/100mtr) @ 1750 MHz	18,0 dB
Attenuation (20°C/100mtr) @ 2150 MHz	20,2 dB
Attenuation (20°C/100mtr) @ 2400 MHz	22,3 dB
Attenuation (20°C/100mtr) @ 3000 MHz	24,3 dB
RETURN LOSS	
Structural return loss @ 5-470 MHz	>28,0 dB
Structural return loss @ 470-1000 MHz	>26,0 dB
Structural return loss @ 1000-2000 MHz	>23,0 dB
Structural return loss @ 2000-3000 MHz	>18,0 dB
ELECTRICAL	
Impedance	$75 \pm 3 \Omega$
Capacity	$52 \pm 3 \text{ pF/m}$

Velocity ratio	82 %
Inner DC resistance	< 7.5 Ω /km
Outer DC resistance	< 9 Ω /km
Insulation Resistance	> 10 ⁴ M Ω /km
OPERATIONAL	
Application	Indoor
Fire Class	Cca
Fire SubClass	S1a, d0, a1
DoP number	TR0117
Notified Body	2479
Screening Efficiency	EN50117 (Class A+)
MECHANICAL	
Cable length	500 m
Tensile Strength - Inner Conductor 1 (Ø)	200 N/mm ²
Tensile Strength - Outer Conductor 1 (Ø)	200 N/mm ²
Colour	White
Packaging Height	0,001 m
Packaging Width	0,001 m
Packaging Depth	0,001 m

Net Weight	0,103 kg
Total Weight	0,103 kg