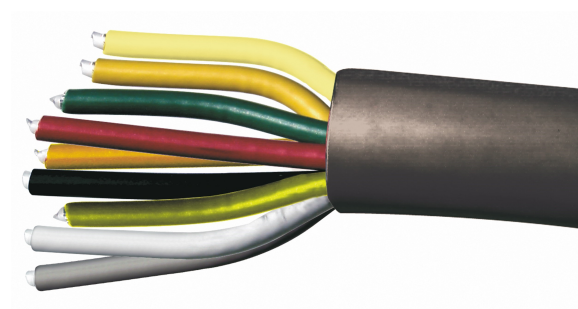


connecting the future



18MULTI 9 color cable, 6.7mm, PVC black, 100m drum

Article number: 731076

Product description:

18 MULTI 9 color - PVC black - 100m drum

TRIAX Multi color cables are high quality cables for Multiswitch installations. The color codes of the cables are suitable to TRIAX Multiswitches. Full copper inner conductor, secure low loss in you installation.

Specifications

| ORDER INFORMATION | |
|----------------------------------|----------------|
| EAN Number | 5702667310762 |
| CONSTRUCTION | |
| Inner conductor - material | Cu |
| Inner conductor - dimension | 1.00 ± 0.02 mm |
| Shield (First) foil 1 – material | Al/Pet/Al |
| Shield (Second) – braid material | Al |

| | |
|---------------------------------------|---|
| Shield (Second) – braid coverage | 43 % ± 2 % |
| Third shield – foil 2 – material | Al/Pet |
| Jacket – dimension | 6.7 ± 0.2 (single core), 26.5 ± 1.5 (Multi core cable) mm |
| Jacket - material | PVC |
| SHIELDING | |
| Screening attenuation @ 30-1000 MHz | > 85 dB |
| Screening attenuation @ 1000-2000 MHz | > 75 dB |
| Screening attenuation @ 2000-3000 MHz | > 65 dB |
| CHARACTERISTICS | |
| Type | 18 Multi 9 |
| LOSS | |
| Attenuation (20°C/100mtr) @ 5 MHz | 2.1 dB |
| Attenuation (20°C/100mtr) @ 50 MHz | 4,9 dB |
| Attenuation (20°C/100mtr) @ 200 MHz | 10 dB |
| Attenuation (20°C/100mtr) @ 400 MHz | 14,4 dB |
| Attenuation (20°C/100mtr) @ 800 MHz | 18 dB |
| Attenuation (20°C/100mtr) @ 1000 MHz | 22,5 dB |
| Attenuation (20°C/100mtr) @ 1350 MHz | 25 dB |
| Attenuation (20°C/100mtr) @ 1750 MHz | 29 dB |
| Attenuation (20°C/100mtr) @ 2150 MHz | 32 dB |
| Attenuation (20°C/100mtr) @ 2400 MHz | 34,2 dB |
| Attenuation (20°C/100mtr) @ 3000 MHz | 38,5 dB |
| RETURN LOSS | |

| | |
|--|---------------------------|
| Structural return loss @ 5-470 MHz | > 18 dB |
| Structural return loss @ 470-1000 MHz | > 16 dB |
| Structural return loss @ 1000-2000 MHz | > 12 dB |
| Structural return loss @ 2000-3000 MHz | > 12 dB |
| ELECTRICAL | |
| Impedance | $75 \pm 5 \Omega$ |
| Capacity | $52.0 \pm 3 \text{ pF/m}$ |
| Inner DC resistance | $< 21,3 \Omega/\text{km}$ |
| Outer DC resistance | $< 40 \Omega/\text{km}$ |
| OPERATIONAL | |
| Application | Indoor |
| Fire Class | Eca |
| DoP number | TR0017 |
| Notified Body | 1722 |
| Screening Efficiency | EN50117 (Class A) |
| MECHANICAL | |
| Cable length | 100 m |
| Minimum bending radius | 250 mm |
| Colour | RAL 9004 - Black |
| Packing QTY | 1 |
| Packaging Height | 0,004 m |
| Packaging Width | 0,006 m |
| Packaging Depth | 0,006 m |
| Net Weight | 0,700 kg |
| Total Weight | 0,700 kg |