

12 Pair Individually Screened Multipair Cable 22(7) AWG (Belden 9768 LSHF Equiv.)

Part number: 509-011

Description:

22 AWG stranded (7x30) tinned copper conductor, polypropylene insulation, twisted pairs individually shielded with Beldfoil® (100% coverage), overall PVC jacket and 22 AWG stranded tinned copper drain wire.

Conductor

| Number of pairs | AWG | Stranding | Conductor Material | Dia.(mm) |
|-----------------|-----|-----------|--------------------|----------|
| 12 | 22 | 7x30 | TC- Tinned copper | 0.762 |

Insulator

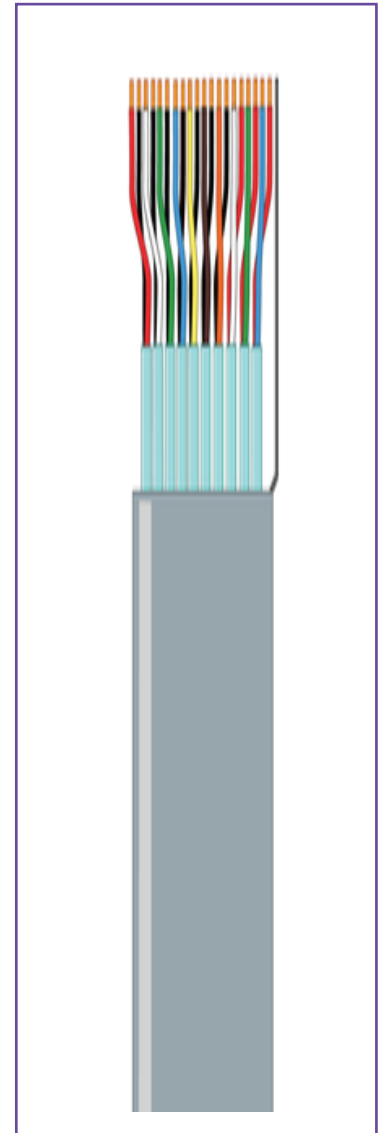
| Insulation Material | Dia. (mm) |
|---------------------|-----------|
| PP - Polypropylene | 1.27 |

Outer Shield

| Outer Shield Trade Name | Type | Outer shield material | Coverage (%) |
|-------------------------|------|------------------------------|--------------|
| Beldfoil® (Z-Fold®) | Tape | Aluminum foil-polyester tape | 100 |

Outer Jacket

| Outer Jacket Material |
|-----------------------|
| LSHF |



Mechanical Characteristics (Overall)

Operating Temperature Range: -20°C To +80°C
 UL Temperature Rating: 80°C (UL AWM Style 2919)
 Bulk Cable Weight: 202.693 Kg/Km
 Max. Recommended Pulling Tension: 1423.420 N
 Min. Bend Radius/Minor Axis: 116.840 mm
 Overall diameter: 11.786 mm

Electrical Characteristics

Impedance (Ohm): 50
Capacitance (pF/ft): 98.43
Nominal Velocity of Propagation: 66
DCR @ 20°C (Ohm/1000 ft): 49.215
Max. Operating Voltage: 300 V RMS
Max. Recommended Current: 1.4 Amps per conductor @ 25 °C