PART NO. 3451FS

1-Pair with 20AWG Shielded LSZH Cable

Detailed Specifications & Technical Data

CROSS SECTION



1 Conductor
2 Insulation
3 Shield + Drain Wire
4 Outer Jacket

CABLE CONSTRUCTION

Conductor	: 20 AWG (7x28) Tinned Copper
No. of Conductors	: 2 (1 pairs)
Insulation	: Polyethylene
Insulation Thickness	: 0.016 in (0.41 mm)
Insulation Diameter	: 1.78 mm (0.0701 in)
Shield	: Bi-Laminate (Alum+Poly) Tape, 100% coverage
Drain Wire	: 20 AWG (7x28) TC
Outer Jacket	: Low Smoke Zero Halogen (Flame Retardant)
Jacket Thickness	: 0.9 mm (0.035 in)
Cable Diameter	: 5.4 mm (0.21 in)

ELECTRICAL CHARACTERISTICS

Conductor DCR	: 31.2 Ohm/km (9.51 Ohm/1000ft)
Capacitance Cond-to-Cond	: 88.6 pF/m (27.0 pF/ft)
Capacitance Cond-to-Other	: 160.8 pF/m (49.01 pF/ft)
Characteristic Impedance	: 56 Ohm
Inductance	: 0.59 µH/m (0.18 µH/ft)
Velocity of Propagation	: 66%
Max Current	: 3.9 Amps per Conductor
Voltage Rating	: 300 V

MECHANICAL CHARACTERISTICS

Operating Temperature	: -45°C To +80°C
Min. Bending Radius	: 27 mm (1.1 in) stationary, 54 mm (2.1 in) installation
Max. Pull Tension	: 210 N (47 lbf)
Approx. Weight	: 40.1 kg/km (26.9 lbs/1000ft)

COLOR & PACKAGE

Jacket	: LSZH
Packing	: 305 m / 500 m reels or drums

CABLE TYPE DATA

CAMCOM Part No.	Conductors	AWG	Shield	Jacket	Cable Ø	Approx. Weight
3451FS	2	20	Yes	LSZH	5.4 mm	40.1 kg/km

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Disclamer :- Datasheet is subject to modification without prior notication

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