PART NO. 3551FS

1-Pair 18AWG Shielded LSZH Cable

Detailed Specifications & Technical Data

CROSS SECTION



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

CABLE CONSTRUCTION

Conductor	: 18 (16x30) Tinned Copper
No. of Conductors	: 2 (1 pairs)
Insulation	: Polyethylene
Insulation Thickness	: 0.0175 in (0.445 mm)
Insulation Diameter	: 0.082 in (2.1 mm)
Shield	: Tape - Bi-Laminate (Alum+Poly), 100% coverage
Drain Wire	: 20 AWG (7x28) TC
Outer Jacket	: Low Smoke Zero Halogen (Flame Retardant)
Jacket Thickness	: 0.89 mm (0.035 in)
Cable Diameter	: 6.0 mm (0.24 in)

ELECTRICAL CHARACTERISTICS

Conductor DCR	: 21.3 Ohm/km (6.49 Ohm/1000ft)
Capacitance Cond-to-Cond	: 89 pF/m (27 pF/ft)
Capacitance Cond-to-Other	: 144 pF/m (43.9 pF/ft)
Inductance	: 0.591 µH/m (0.180 µH/ft)
Max Current	: 4.9 Amps per Conductor at 25°C
Voltage Rating	: 300 V

MECHANICAL CHARACTERISTICS

Operating Temperature	: -45°C To +80°C
Min. Bending Radius	: 30 mm (1.2 in) stationary; 60 mm (2.4 in) installation
Max. Pull Tension	: 110 N (25 lbf)
Approx. Weight	: 48.6 kg/km (32.7 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
3551FS	2	18	Yes	LSZH	6.0 mm	48.6 kg/km

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Disclamer :- Datasheet is subject to modification without prior notication

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