PART NO. 2451FS

1-Pair with 20AWG Shielded PVC 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	: 0.017 in (0.43 mm)
Insulation Diameter	: 0.070 in (1.8 mm)
Shield	: Bi-Laminate (Alum+Poly) Tape, 100% coverage
Drain Wire	: 20 AWG (7x28) TC
Outer Jacket	: Polyvinyl Chloride
Jacket Thickness	: 0.028 in (0.71 mm)
Cable Diameter	: 0.204 in (5.18 mm)

ELECTRICAL CHARACTERISTICS

Conductor DCR	: 11.3 Ohm/1000ft
Capacitance Cond-to-Cond	: 27 pF/ft (89 pF/m)
Characteristic Impedance	: 56 Ohm
Inductance	: 0.18 µH/ft (0.59 µH/m)
Max Current	: 8 Amps per Conductor at 30°C
Voltage Rating	: 300 V

MECHANICAL CHARACTERISTICS

Operating Temperature	: -20°C to +60°C
Min. Bending Radius	: 2.0 in (51 mm)
Max. Pull Tension	: 38 lbs (17 kg)
Approx. Weight	: 21 lbs/1000ft

COLOR & PACKAGE

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

CABLE TYPE DATA

CAMCOM Part No.	Conductors	AWG	Shield	Jacket	Cable Ø	Approx. Weight
2451FS	2	20	Yes	PVC	5.18 mm	21 lbs/1000ft

Camcom is proud to be certified by

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Disclaimer :- Datasheet is subject to modification without prior notication

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