PART NO. 2253FS

3-Pair 24AWG Shielded PVC Cable

Detailed Specifications & Technical Data

CROSS SECTION



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

CABLE CONSTRUCTION

Conductor	: 24 AWG (7x32) Tinned Copper
No. of Conductors	: 6 (3 pairs)
Insulation	: Polyethylene
Insulation Thickness	: 0.022 in (0.56 mm)
Insulation Diameter	: 0.068 in (1.7 mm)
Shield	: Bi-Laminate (Alum+Poly) Tape 100% + Tinned Copper Braid 90%
Drain Wire	: 24 AWG (7x32) TC
Outer Jacket	: Polyvinyl Chloride
Jacket Thickness	: 0.035 in (0.89 mm)
Cable Diameter	: 0.360 in (9.14 mm)

ELECTRICAL CHARACTERISTICS

Conductor DCR	: 24 Ohm/1000ft
Capacitance Cond-to-Cond	: 12.8 pF/ft (42.0 pF/m)
Capacitance Cond-to-Other	: 23 pF/ft (75 pF/m)
Characteristic Impedance	: 120 Ohm
Velocity of Propagation	: 66%
Max Current	: 1.54 Amps per Conductor at 25°C
Insertion Loss @ 1MHz	: 0.6 dB/100ft
Voltage Rating	: 300 V, 30 V (UL AWM 2919)

MECHANICAL CHARACTERISTICS

Operating Temperature	: -30°C to +80°C
Min. Bending Radius	: 3.75 in (95.3 mm)
Max. Pull Tension	: 105.5 lbs (47.85 kg)
Approx. Weight	: 62 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
2253FS	6	24	Yes	PVC	9.14 mm	62 lbs/1000ft

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Disclaimer :- Datasheet is subject to modification without prior notication

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