PART NO. 2254FS

4-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 (7x32) Tinned Copper
No. of Conductors	: 8 (4 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	: 0.390 in (9.91 mm)

ELECTRICAL CHARACTERISTICS

Conductor DCR	: 24 Ohm/1000ft
Capacitance Cond-to-Cond	: 12.8 pF/ft
Characteristic Impedance	: 120 Ohm
Velocity of Propagation	: 66%
Insertion Loss @ 1 MHz	: 0.6 dB/100ft
Max Current	: 1.54 Amps per Conductor at 25°C
Voltage Rating	: 300 V

MECHANICAL CHARACTERISTICS

Operating Temperature	: -30°C to +80°C
Min. Bending Radius	: 4 in (100 mm)
Max. Pull Tension	: 110 lbs (50 kg)
Approx. Weight	: 71 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
2254FS	8	24	Yes	PVC	9.91 mm	71 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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