PART NO. 2505FS

5C 18AWG Shielded PVC Cable

Detailed Specifications & Technical Data

CROSS SECTION



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

CABLE CONSTRUCTION

Conductor	: 18 AWG (7x26) Bare Copper
No. of Conductors	: 5
Insulation	: Polyolefin
Insulation Thickness	: 0.009 in (0.23 mm)
Insulation Diameter	: 0.062 in (1.6 mm)
Shield	: Bi-Laminate (Alum+Poly) Tape, 100% coverage
Drain Wire	: 24 AWG (7x32) TC
Outer Jacket	: Polyvinyl Chloride
Jacket Thickness	: 0.017 in (0.43 mm)
Cable Diameter	: 0.205 in (5.21 mm)

ELECTRICAL CHARACTERISTICS

Conductor DCR	: 6.5 Ohm/1000ft
Capacitance Cond-to-Cond	: 29 pF/ft (95 pF/m)
Capacitance Cond-to-Other	: 52.25 pF/ft (171.4 pF/m)
Max Current	: 4 Amps per conductor @ 25°C
Shield DCR	: 14.4 Ohm/1000ft (47.2 Ohm/km)
Voltage Rating	: 300 V

MECHANICAL CHARACTERISTICS

Operating Temperature	: -20°C to +75°C
Min. Bending Radius	: 2.1 in (53 mm)
Max. Pull Tension	: 126 lbs (57.2 kg)
Approx. Weight	: 38 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
2505FS	5	18	Yes	PVC	5.21 mm	38 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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