PART NO. 4502FS

2C 18AWG Shielded FPLR Cable

Detailed Specifications & Technical Data

CROSS SECTION



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

CABLE CONSTRUCTION

Conductor	: 18 AWG (Solid) Bare Copper
No. of Conductors	: 2
Insulation	: Polypropylene
Insulation Thickness	: 0.007 in (0.18 mm)
Insulation Diameter	: 0.055 in (1.4 mm)
Shield	: Bi-Laminate (Alum+Poly) Tape, 100% coverage
Drain Wire	: 24 AWG Solid TC
Outer Jacket	: Polyvinyl Chloride
Jacket Thickness	: 0.017 in (0.43 mm)
Cable Diameter	: 0.147 in (3.73 mm)

ELECTRICAL CHARACTERISTICS

Conductor DCR	: 6.4 Ohm/1000ft
Capacitance Cond-to-Cond	: 55 pF/ft (180 pF/m)
Capacitance Cond-to-Other	: 99 pF/ft (320 pF/m)
Inductance	: 0.15 µH/ft (0.49 µH/m)
Max Current	: 14 Amps per conductor @ 25°C
Shield DCR	: 17.9 Ohm/1000ft (58.7 Ohm/km)
Voltage Rating	: 300 V

MECHANICAL CHARACTERISTICS

Operating Temperature	: -20°C to +75°C
Min. Bending Radius	: 2.20 in (55.9 mm)
Max. Pull Tension	: 44.3 lbs (20.1 kg)
Approx. Weight	: 17 lbs/1000ft

COLOR & PACKAGE

Jacket	: Polyvinyl Chloride
Packing	: 305 m / 500 m reels or drums

CABLE TYPE DATA

CAMCOM Part No.	Conductors	AWG	Shield	Jacket	Cable Ø	Approx. Weight
4502FS	2	18	Yes		3.73 mm	17 lbs/1000ft

Camcom is proud to be certified by

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Designed in Netherlands & Produced Globally.

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Disclamer :- Datasheet is subject to modification without prior notication

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