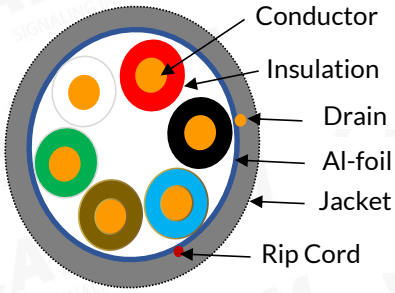


PART NO. 2506FS

6x18AWG, Bare Copper, Shielded, PVC Jacket

Detailed Specifications & Technical Data

CROSS SECTION



APPLICATION

- For Security & Alarm System
- Analog Audio Transmission
- Not for main power Line

CONSTRUCTION

Conductor	: Bare Copper
AWG	: 18
Diameter (mm)	: 7/0.37
Insulation	: PE
Nom. Thickness (mm)	: 0.24
Min. Thickness (mm)	: 0.14
Insulation Diameter (mm)	: 1.60±0.10
Color	: Black,Red,White,Green, Brown,Blue
Cabling	: 6 Cores
Sheild	: Al-foil
Coverage Area (%)	: 100
Drain Wire	: Tinned Copper
Construction (mm)	: 7/0.15mm
Jacket	: Fr-PVC
Nom. Thickness (mm)	: 0.60
Min. Thickness (mm)	: 0.41
Cable Diameter (mm)	: 6.10±0.20

PERFORMANCE

Electrical Characteristics:

Conductor DCR @ 20℃ (ohm/km)	: ≤24.3
Max. Operating Voltage (V)	: 300
Dielectric Strength (kV/min)	: 1.0

REFERENCE STANDARD

EN 50290-2-23
EN 50290-2-22
IEC60332-1
RoHS Directives

COLOR

Jacket Color	: Grey

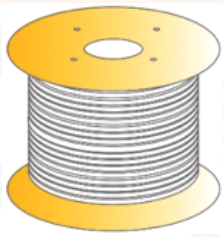
MECHANICAL CHARACTERISTICS

Test Object	: Jacket
Test Material	: PVC
Before Tensile Strength (Mpa)	: ≥10.0
Aging Elongation (%)	: ≥150
Aging Condition (℃Xhrs)	: 80x168
After Tensile Strength (Mpa)	: ≥80% unaged
Aging Elongation (%)	: ≥80% unaged
Cold Bend (-15℃X4hrs)	: No crack
Rated Temperature (℃)	: 75

PACKAGE

305m /Reel

Box	: 330x100x180mm
N.W.	: 21.0 kgs
G.W.	: 22.0 kgs
Stack	: 6



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