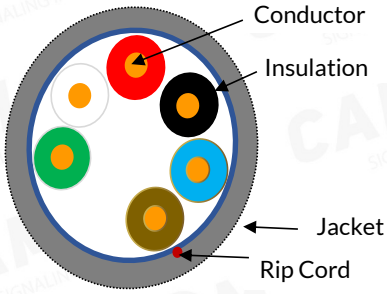


# PART NO. 2508FS

8x18AWG, 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,Orange,Yellow |
| Cabling | : 8 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) | : 6.60±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 |

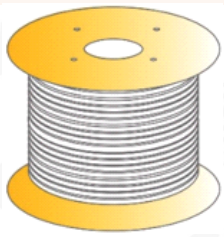
### MECHANICAL CHARACTERISTICS

| | |
|---|---|
| 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 | : 350x100x180mm |
| N.W. | : 26.60 kgs |
| G.W. | : 27.60 kgs |
| Stack | : 6 |



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Disclamer :- Datasheet is subject to modification without prior notication

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