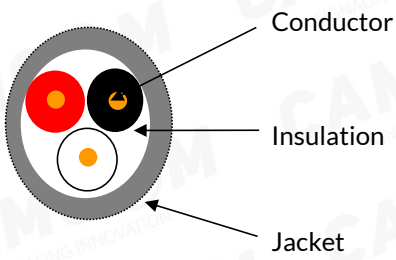
# PART NO. 3503UN

3x18AWG, Bare Copper, Unshielded, LSZH Jacket

## Detailed Specifications & Technical Data

### CROSS SECTION




### APPLICATION

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

### CONSTRUCTION

| | |
|---|---|
| Conductor | : Strand 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 |
| Cabling | : 3 Cores |
| Rip Cord | : Yes |
| Jacket | : LSZH |
| Nom. Thickness (mm) | : 0.55 |
| Min. Thickness (mm) | : 0.36 |
| Cable Diameter (mm) | : 4.60±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 50290-2-27
IEC60332-1
RoHS Directives

### COLOR

| | |
|---|---|
| Jacket Color | : Grey |

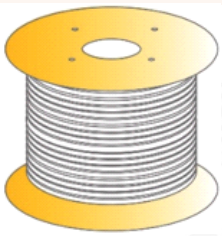
### MECHANICAL CHARACTERISTICS

| | |
|---|---|
| Test Object | : Jacket |
| Test Material | : LSZH |
| Before Tensile Strength (Mpa) | : ≥9.0 |
| Aging Elongation (%) | : ≥125 |
| Aging Condition (℃Xhrs) | : 100x168 |
| After Tensile Strength (Mpa) | : ±40% |
| Aging Elongation (%) | : ±30% |
| Heat Shock (130±2℃,1hr) | : No Cracks |
| Bending at Low Temperature (-15±2℃) | : No Cracks |

### PACKAGE

305m /Reel

| | |
|---|---|
| Box | : 270x100x180mm |
| N.W. | : 10.60kgs |
| G.W. | : 11.60kgs |
| Stack | : 6 |



**Camcom** is proud to be certified by

Frame Offices - HQ, Alexanderveld 5-9,
2585 DB, Den Haag, Netherlands
+31708910864
sales@camcom.co.nl

Designed in Netherlands & Produced Globally.

Prepared By : Steve Smith

Disclamer :- Datasheet is subject to modification without prior notication

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