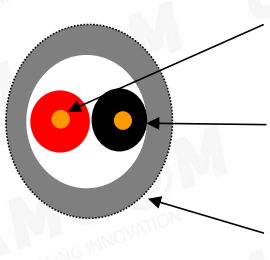


PART NO. 3802UN

2x12AWG, 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	: 12
Diameter (mm)	: 65/0.254
Insulation	: PE
Nom. Thickness (mm)	: 0.35
Min. Thickness (mm)	: 0.25
Insulation Diameter (mm)	: 3.10±0.10
Cabling	: 2 Cores
Rip Cord	: Yes
Jacket	: LSZH
Nom. Thickness (mm)	: 0.65
Min. Thickness (mm)	: 0.45
Cable Diameter (mm)	7.50±0.30

PERFORMANCE

Electrical Characteristics:

Conductor DCR @ 20℃ (ohm/km)	: ≤5.56
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

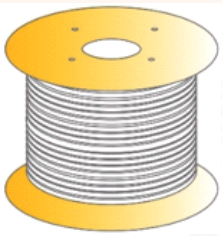
MECHANICAL CHARACTERISTICS

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%
Cold Bend (-15℃X4hrs)	: No Cracks
Rated Temperature (℃)	: 70

PACKAGE

305m /Reel

Box	: 360x130x230mm
N.W.	: 28.40kgs
G.W.	: 29.40kgs
Stack	: 6



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Disclamer :- Datasheet is subject to modification without prior notication

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