

18 AWG Unshielded Multi Conductor Cable



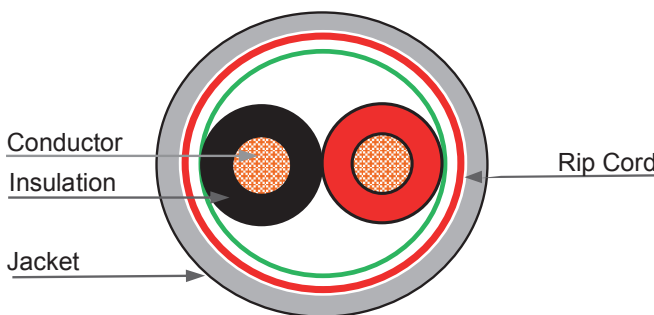
DESCRIPTION

Unshielded Multi Conductor Cable is suitable to use within Commercial Audio Systems, Control, Security Systems, BMS and Instrumentation purpose and Instrumentation purpose.

Available: In 305 Mtrs length and more based on request.

CONSTRUCTION

Conductor	: Multi Conductor Bare Copper
Insulation	: Polypropylene
Outer Jacket	: PVC
Rip Cord	: Nylon
Jacket Color	: Grey



PRODUCT CHARACTERISTICS

Characteristics	Value
No. of Conductor	2
Conductor Size	18 AWG 7 x 26
Insulation Thickness	0.18mm
Insulation Diameter	1.80 mm
Jacket Thickness	0.45 mm
Jacket Diameter	4.00 mm
Max. Recommended Pulling Tension	200 N
Min. Bending Radius Minor Axis	38 mm
Operating Temperature	-10°C to +75°C

ELECTRICAL CHARACTERISTICS

Characteristics	Unit	Value
Nom. Capacitance	pf/m	70.5
Nom. Conductor DCR	Ω/km	21.3
Max. Recommended Current @ 25°C	Amps	5.00
Max. Operating Voltage UL	V/min	300

MECHANICAL CHARACTERISTICS

Characteristics	Value
Test Material	PVC
Before Tensile Strength (Mpa)	≥ 13.8
Aging Elongation (%)	≥ 100
After Tensile Strength (Mpa)	≥ 10.35
Aging Elongation (%)	≥ 75
Cold Bend (-20±°C x 4 hrs)	No Crack

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MECHANICAL CHARACTERISTICS

TEMPERATURE

UL Temperature	Operating
60°C	-20°C to +60°C

BEND RADIUS

Stationary Min.	Installation Min.
2.6 in (66 mm)	2.6 in (66 mm)
Max. Pull Tension:	99 lbs (45 kg)
Bulk Cable Weight:	44 lbs/1000ft

STANDARDS AND COMPLIANCE

Environmental Suitability	: Indoor
Flammability / Reaction to Fire	: IEC 60332-1-2
CPR Compliance: CPR Euroclass:	Eca
AWM Compliance	: AWM 2598
European Directive Compliance	: EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
APAC Compliance	: China RoHS II (GB/T 26572-2011)

ORDERING INFORMATION

Part No.	Description
NT0218P	NETCON 2 Core 18AWG Control Cable unshielded with Rip cord, PVC Jacket, 305 mtr
NT0218L	NETCON 2 Core 18AWG Control Cable unshielded with Rip cord, LSZH Jacket, 305mtr