

22 AWG UNSHIELDED CONTROL CABLE

22 AWG Unshielded Multi-Conductor Cable

APPLICATION

NETCON Multi-Conductor Cable suitable for Audio Control, Instrumentation and Building Management Systems (BMS) & Security Systems.

Length available: 305 Meters & above upon request.

DESIGN

Conductor : Multi Conductor Bare Copper

Insulation : Polyethylene)

Outer Jacket : PVC / LSZH

Rip Cord : Nylon

Jacket Color : Grey

CHARACTERISTICS

Voltage Rating : 300

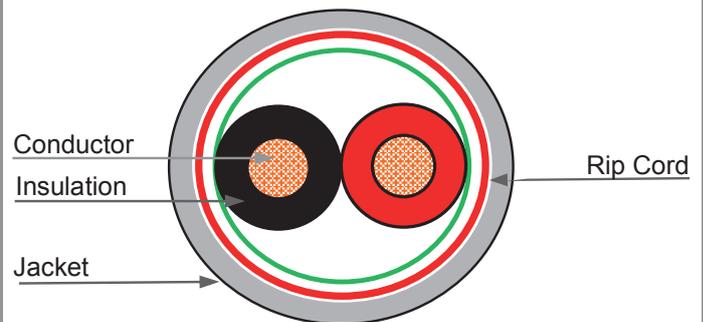
Temperature Limits: Fixed: -20°C to +70°C

Minimum Bending Radius:

As per Cable Manufacturer's Data Sheet



22 AWG Unshielded Multi-conductor Cable



CORE IDENTIFICATION

Pair 1: ■ Red ■ Black

PHYSICAL CHARACTERISTICS

Characteristics	Value
No. of Conductors	2
Conductor Size	22 AWG 7 x 30
Insulation Thickness	0.18mm
Insulation Diameter	1.12 mm
Jacket Thickness	0.43 mm
Jacket Diameter	43.0 mm
Max. Recommended Pulling Tension	80 N
Min. Bending Radius Minor Axis	24.0 mm
Operating Temperature	-20°C to +70°C

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ELECTRICAL CHARACTERISTICS

Characteristics	Unit	Value
Nom. Conductor DCR	Ω /km	53.0
Dielectric Strength between Pairs	KV/5min	1.5
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 ($-20\pm^{\circ}\text{C}$ x 4 hrs)	No Crack

INSULATION COLOUR CODE

Individual Core	Colour
Core 1	Black
Core 2	White

ORDERING INFORMATION

Part No.	Description
NT0222P	NETCON 2 Core 22 AWG Unshielded Multi Conductor Cable PVC, 305m
NT0222L	NETCON 2 Core 22 AWG Unshielded Multi Conductor Cable LSZH, 305m