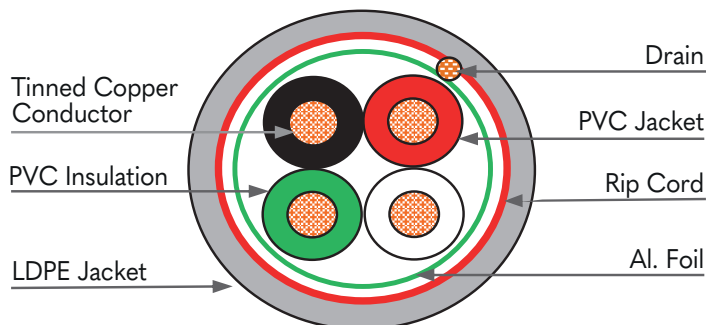


Product Description:

Rs-485, 2 Pair 22AWG (7 x 30) Tinned Copper, PE Insulation, Overall Tinned Copper Braid (65%), Shield, with drain wire, Double jacket, PVC Inner jacket and Outer LDPE jacket.

Applications:

- Cable used for EIA Rs485 applications
- Hi-speed data transmission
- Cable used for wide applications like building automation, industrial automation, BMS, SCADA, PLC, Data communication, CM, PLTC, Oil-resistant, UV resistant and Harsh Environment.



Construction Details:

Conductor:

Element	No. of Elements	Size	Stranding	Material
Pair(s)	2	2 22 AWG	7 x 30	TC - Tinned Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code	Notes
Pair(s)	PE-Polyethylene (Foam)	0.025 in (0.64 mm)	0.079 in (2.0 mm)	White / Blue Stripe & Blue / White Stripe, White / Orange Stripe & Orange / White Stripe	HDPE

Outer Shield

Shield Type	Material	Coverage	Drainwire Type
Tape	Bi-Laminate (Alum+Poly)	100%	22 AWG (7 x 30) TC
Braid	Tinned Copper (TC)	65%	

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.053 in (1.3 mm)	0.350 in (8.89 mm)
Overall Cable Diameter (Nominal)		0.350 in (8.89 mm)

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond. to other (Conds + Shield)	Nom. Characteristic Impedance	Nom. Velocity of Prop.	Max. Current
Pair(s)	18.2 Ohm/1000ft	11 pF/ft (36 pF/m)	20.9 pF/ft	120 Ohm	78%	4.8 Amps per Conductor at 30°C

Nom. Outer Shield DCR	3.663 Ohm/1000ft (12.02 Ohm/km)
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High Frequency (Nominal/Typical)

Element	Frequency [MHz]	Nom. Insertion Loss (Attenuation)
Pair(s)	1	0.5 dB/100ft

Voltage

UL Voltage Rating

300 V (CM, PLTC)

Mechanical Characteristics

Temperature

UL Temperature Operating

60°C -20°C to +60°C

Bend Radius

Stationary Min.

4.2 in (110 mm)

Installation Min

4.2 in (110 mm)

Max. Pull Tension

80 lbs (36 kg)

Bulk Cable Weight

58 lbs / 1000ft

Standards and Compliance

Environmental Suitability	Indoor, Outdoor, Sunlight Resistance, Oil Resistance
Flammability / Reaction to Fire	UL 1685 UL Loading, IEC 60332-1-2
CPR Compliance	CPR Euroclass: Eca; CPR UKCA Class: Eca
NEC / UL Compliance	Article 725, Article 800, CM, PLTC
CEC / C(UL) Compliance	CM
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)
UK Regulation Compliance	UKCA Mark
APAC Compliance	China RoHS II (GB/T 26572-2011)
Other Standard Compliance(s)	DMX-512

Ordering Information

Part No.	Description
NTVFST222O	NETCON 2 Pair 22 AWG Tinned Copper, AL foil Shielded with 90% Tinned Copper braid Cable Inner Insulation PVC and outer LDPE

Note:

NTV - Series , FST- Aluminium Foil with Braiding , T- Tinned Copper , 222 - 2 Pair 22 Awg ,
O - LDPE jacket (Outdoor)