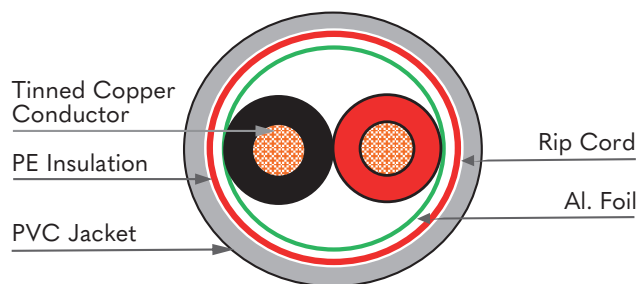


PRODUCT DESCRIPTION

Electronic, 2 Conductor 16AWG (19 x 29) Tinned Copper, PE Insulation, Overall Beldfoil® Shield, PVC Outer Jacket, CM

APPLICATIONS

Up to 600V analog signals; up to 600V digital control; line level audio; voice communications; panel wiring



CONSTRUCTION DETAILS:

Conductor:

Element	No. of Elements	Size	Stranding	Material
Pair(s)	1	16 AWG	19x29	TC - Tinned Copper

Insulation

Element	Material	Nom. Thickness	Nominal Insulation Diameter	Colour Code
Pair(s)	PE - Polyethylene	0.032 in (0.81 mm)	0.122 in (3.10 mm)	Black & Clear

Outer Shield

Shield Type	Material	Coverage	Drainwire Type
Tape	Bi-Laminate (Alum+Poly)	100%	18 AWG (16x30) TC

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.032 in (0.81 mm)	0.313 in (7.95 mm)
Overall Cable Diameter (Nominal)		0.313 in (7.95 mm)

ELECTRICAL CHARACTERISTICS

Element	Nom. Conductor DCR	Nom. Capacitance cond.- to-cond.	Nom. Capacitance Cond. to other (Conds+Shield)	Nom. Characteristic Impedance	Max. Current
Conductor(s)	4.52 Ohm/1000ft	23 pF/ft (75 pF/m)	44 pF/ft (140 pF/m)	65 Ohm	18 Amps per Conductor at 30°C

Voltage

UL Voltage Rating

600 V (CM), 600 V (UL AWM 20253)

MECHANICAL CHARACTERISTICS

Temperature

UL Temperature	Operating
80°C	-20°C to +80°C

Bend Radius

Stationary Min.	Installation Min.
3.1 in (79 mm)	3.1 in (79 mm)
Max. Pull Tension	42 lbs (19 kg)
Bulk Cable Weight	17 lbs/1000ft

STANDARDS AND COMPLIANCE

Environmental Suitability	Indoor
Sustainability	CA Prop 65
Flammability / Reaction to Fire	UL 1685 UL loading , IEC 60332-1-2
CPR Compliance	CPR Euroclass: Eca
NEC / UL Compliance	Article 725, Article 800, CL2, CM
AWM Compliance	AWM 20253
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	RoHS II (GB/T 26572-2011)

ORDERING INFORMATION

Part No.	Description
NTVST116P/L	Voltan 1 Pair, 16 AWG Tinned Copper, Overall Al. Foil Shield Pvc outer Jacket, 305Mtr / Roll

Note: NTV- Series, S- Aluminium Foil - T - Tinned Copper - 116- 1 pair 16 Awg, P - PVC / L- LSZH Jacket