



Part Number: 9344
600V Tray Cable

Product Description

12 AWG pairs stranded (37x27) tinned copper conductors, twisted pairs, overall Beldfoil® shield (100% coverage), PVC/Nylon insulation, PVC jacket.

Product Specifications

Technical Specifications

Construction and Dimensions

Conductor:

AWG	Stranding	Material	No. of Pairs
12	37x27	TC - Tinned Copper	1
Total Number of Conductors:			2

Insulation:

Material
PVC/Nylon - Polyvinyl Chloride/Nylon

Color Chart 1:

Number	Color
1	Black & Red

Outershield 1:

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG	Drainwire Construction n x D
Tape	Aluminum Foil-Polyester Tape	Beldfoil®	100 %	TC - Tinned Copper	12	19x25 mm

Outerjacket 1:

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	0.384 mm	0.045 mm	Yes

Electrical Characteristics

Conductor DCR:

Nominal Conductor DCR	Nominal Outer Shield DCR
1.65 Ohm/km	1.56 Ohm/km

Capacitance:

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
56 pF/m	106 pF/m

Current:

Max. Recommended Current [A]
30 Amps per conductor @ 25°C

Inductance:

Nominal Inductance
0.19 µH/m

Voltage:

UL Voltage Rating
600V RMS (NEC Type TC)
150V RMS (NPLF)

Use

Suitability - Burial:	Yes
Suitability - Sunlight Resistance:	Yes
Max Recommended Pulling Tension:	253 lbs

Safety

CSA Flammability:	FT4
IEEE Flammability:	1202
UL Flammability:	UL1685 UL Loading

Temperature Range

Dry Temp Range:	-30°C To +90 °C
Wet Temp Range:	-30°C To +75°C

Mechanical Characteristics

Min Bend Radius/Minor Axis:	3.75 in
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Part Number

Plenum (Y/N):	No
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Standards

CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes
NEC/(UL) Specification:	NPLF^TC
Other Specification:	ICEA S-73-532, S-61-402
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes

History

Notes:	Alternate color coding available upon request.
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