



Part Number: 27116R

600V Tray, (9) 12 AWG (7x20) TC, XLP/CPE, TC

Product Description

Nine 12 AWG stranded (7x20) tinned copper conductors, cross-linked polyolefin insulation, chlorinated polyethylene jacket.

Product Specifications

Technical Specifications

Construction and Dimensions

Conductor:

Element	AWG	Stranding	Material	No. of Conductors
	12	7x20	TC - Tinned Copper	9
No Ground				
Total Number of Conductors:				9

Insulation:

Material
XLPE - Cross Linked Polyethylene

Color Chart 1:

Number	Color
1	Black
2	Red
3	Blue
4	Orange
5	Yellow
6	Brown
7	Red/Black
8	Blue/Black
9	Orange/Black

Stranding:

Lay Length
N mm

Outersheild 1:

Material
Unshielded

Outerjacket 1:

Material	Nominal Diameter	Nominal Wall Thickness
CPE - Chlorinated Polyethylene	0.68 in	0.06 in

Electrical Characteristics

Conductor DCR:

Nominal Conductor DCR
1.65 Ohm/1000ft

Current:

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

Voltage:

UL Voltage Rating
600 V RMS

Use

Suitability - Indoor:	Yes
Suitability - Outdoor:	Yes

Suitability - Sunlight Resistance:	Yes
Max Recommended Pulling Tension:	781 lbs

Safety

CSA Flammability:	FT4
ICEA Flammability:	T-29-520
IEEE Flammability:	1202
Other Flammability:	VW-1 rated Conductors
UL Flammability:	UL1685 UL Loading

Temperature Range

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

Mechanical Characteristics

Min Bend Radius/Minor Axis:	6.8 in
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Part Number

Plenum (Y/N):	No
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Standards

CA Prop 65 (CJ for Wire & Cable):	CA Prop 65 (CJ for Wire & Cable)
MII Order #39 (China RoHS):	MII Order #39 (China RoHS)
NEC/(UL) Specification:	NEC/(UL) Specification
Other Specification:	Other Specification
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)

History

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