



Part Number: 9412

300V PLTC, (1 pr) 12 AWG (65x30) TC, PVC/PVC, CMG

# **Product Description**

One 12 AWG pair stranded (65x30) tinned copper conductors, PVC insulation, PVC jacket.

# **Technical Specifications**

## **Physical Characteristics (Overall)**

# Conductor AWG Stranding Material No. of Pairs 12 65x30 TC - Tinned Copper 1 Conductor Count: 2 Total Number of Pairs: 1 Total Number of Triads: N/A AWG Size: 12

## Insulation

	Material	Nominal Diameter	Nominal Wall Thickness
P۱	/C - Polyvinyl Chloride	0.143 in	0.025 in

## Color Chart

Number	Color
1	Black & Red

# **Outer Shield Material**



## Outer Jacket Material

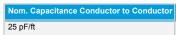
Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	0.37 in	0.042 in	Yes

# **Electrical Characteristics**

# Conductor DCR



## Capacitance



#### Inductance



## Current



# Voltage

Description	UL Voltage Rating	Voltage Rating [V]
Nominal breakdown voltage between conductors	300V RMS	25 K V RMS (Nominal breakdown voltage between conductors)

#### **Temperature Range**

UL Temp Rating:	105°C
Operating Temp Range:	-30°C To +105°C

#### **Mechanical Characteristics**

Bulk Cable Weight:	76 lbs/1000ft
Max Recommended Pulling Tension:	197 lbs
Min Bend Radius/Minor Axis:	3.75 in

#### **Standards**

NEC/(UL) Specification:	CL3R, ITC-ER, PLTC-ER
UL AWM Style:	2464
IEEE Specification:	1202

## **Applicable Environmental and Other Programs**

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU:	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2005-04-01
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

#### Suitability

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# Flammability, LS0H, Toxicity Testing

C(UL) Flammability:	FT4
UL Flammability:	UL1685 UL Loading
ICEA Flammability:	T-29-520

#### **Part Number**

9412 0601000 CHROME C

Plenum (Y/N):	No

## Variants

9412 0602500	CHROME	Z
9412 060500	CHROME	С
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Footnote:		
Footnote:		

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