

Pro Series Speaker Cable

Tinned Copper

Indoor/Outdoor Rated - 16AWG

Key Features

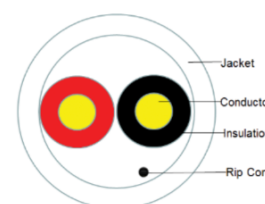
- High Strand Count Tinned Copper
- Oxygen-Free Copper Conductors
- Twisted Pair
- Riser Rated: UL CMR FT4 Rated
- UV Protected for Seamless Indoor/Outdoor Installs
- Reelex II Box
- CPR EuroClass: Dca
- Limited Lifetime Warranty
- RoHS, REACH, CE

Description

ProSeries Tinned Copper Indoor/Outdoor Speaker Cable - 2C/16 AWG 65 Strand OFC Tinned Copper, UL CMR, EN50575 Dca-s3,d2,a3 UV Sun Res HD PVC Jkt

Applications

Speaker Level Audio for Commerical and Residential, Home Theater, Permanent and Semi-Permanent Installations, In-Wall Riser, Outdoor with UV Protected PVC Jacket.



Construction

Conductor	Material	OFC Tinned Copper	Rip Cord	Yes, Nylon	
	Solid/Stranded	Stranded (65/0.16mm +/-0.004mm)			
	Size	16 AWG	Drain Wire	none	
	Insulation Material	PVC			
	Insulation OD Avg.	0.33mm	Jacket/Sheath	Material	PVC - UV Sun Res
	Color Code	Pr1: Black, Red; Pr2: Green, White		Nominal Jacket Thickness	0.95mm
	Twisted Pair	2 Cores to Pair		Color Code	Per Request
	Insulated Conductor OD	2.7mm +/-0.10mm			
	Lay Length	26mm	Overall Cable Diameter (OD)	1pair: 6.25 +/-0.2mm; 2pair: 7.0 +/-0.2mm	
	Twists per foot/meter	38/meter			
Shielding/Screen	Type	Unshielded	Lay Length	110-120cm	
	Material	na			

Mechanical Properties

Bend Radius	Min Bend Radius (Installation)	1pair: 50mm;
	Min Bend Radius (Operation)	2pair: 56mm
Insulation Tensile Strength	Unaged / Elongation %	13.8Mpa / 100%
	Aged / Elongation %	11.7Mpa / 50%
Jacket/Screen Tensile Strength	Unaged / Elongation %	13.8Mpa / 100%
	Aged / Elongation %	11.7Mpa / 50%
Cable Cold Bend (-20°C for 4 hrs)	No Crack	

Standards Reference

Manufactured in Accordance to: UL 444, UL 13, NEC Article 725, RoHS, REACH, CE

North America Installation Rating: Riser Type UL CMR cUL FT4 ; NEC Type CL3R/CL2R 75°C

EU (EMEA) Installation Rating: EN50575 EuroClass Dca-s3,d2,a3

Environmental Compliance

RoHS Compliant: RoHS II/III, EU/UK RoHS
REACH, WEEE Directive, WFD:2023, SCIP:2023, POPs (EU) No 2019/1021
Wood Spool – Made with recyclable materials

 California Prop 65 Warning – California Residents Only
WARNING: This Product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information: www.P65Warnings.ca.gov

Rev. 0126

Electrical Characteristics

DC Resistance (at 20°C)	Max 14.3 ohm/km	Maximum Current (25°C)	7.5A
Insulation Resistance (at 20°C)	Min 50M ohm/km	Rated Voltage	Insulated - 300V
Mutual Capacitance	1pair: 80pF/m; 2pair: 100pF/m		Operating Low Voltage - 80V
Impedance	85+/-5 OHM	Test Voltage Between Conductors	2.5kv/2s
Inductance	1pair: 0.032µH/m; 2pair: 0.030µH/m		

Environmental Parameters

Temperature Range - Operating	-20°C to 75°C (-4°F to 167°F)	Temperature Range - Storage	0°C to 40°C (32°F to 104°F)
Temperature Range - Installation	0°C to 40°C (32°F to 104°F)		

Part Numbers

Item No.	UPC	Jacket Color	Package Length	Package Type	Package Weight (lb/kg)	Item Dimensions (mm)
North America:						
Not available at this time						
Europe (EMEA):						
16/20FCTC-HD-WT-D	810093726820	White	500ft/152m	Reelex II Box	19.49/8.85	350*260*350
16/20FCTC-HD-BK-D	810093726837	Black	500ft/152m	Reelex II Box	19.49/8.85	350*260*350

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