

Premium Speaker Cable

Round HD Jacket

Indoor/Outdoor Rated - 12AWG

Key Features

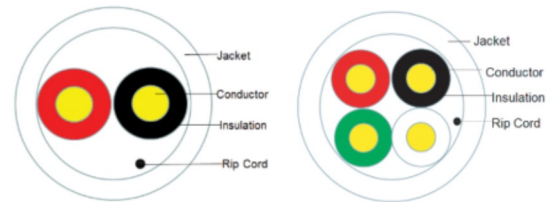
- Oxygen-Free Copper Conductors
- Round HD Jacket for Superior Flexibility
- Twisted Pair
- High Strand Count for Minimal Distortion
- Riser Rated: UL CMR FT4 Rated
- UV Protected for Seamless Indoor/Outdoor Installs
- Reel-in-Box or Wooden Spool
- CPR EuroClass: Dca
- Limited Lifetime Warranty
- RoHS, REACH, CE

Description

Pro-Grade HD Speaker Cable, Indoor/Outdoor Rated - 2 or 4 Conductor, Insulated, Twisted, Unshielded, 12AWG 65 Strand Oxygen-Free Copper, Riser Rated UL CMR cUL FT4, UV Sun Resistant HD PVC Jacket, Reel-in-Box or Wooden Spool. EU Warehouse version CPR Compliant EuroClass: Dca-s3,d2,a3

Applications

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



Construction

Conductor	Material	Oxygen-Free Bare Copper	Rip Cord	Yes, Nylon				
	Solid/Stranded	Stranded(65/0.254mm +/-0.004mm)		Drain Wire	none			
	Size	12 AWG			Jacket/Sheath	Material	PVC - UV Sun Res	
	Insulation Material	PVC				Nominal Jacket Thickness	0.95mm	
	Insulation OD Avg.	0.36mm				Color Code	Per Request	
	Color Code	Pr1: Black, Red; Pr2: Green, White				Overall Cable Diameter (OD)	1 pair: 8.3 +/-0.2mm;	
	Twisted Pair	2 Cores to Pair					2 pair: 9.8 +/-0.2mm	
	Insulated Conductor OD	3.2mm +/-0.10mm						
	Lay Length	40mm						
	Twists per foot/meter	25 /meter						
Shielding/Screen	Type	Unshielded						
	Material	na						

Mechanical Properties

Bend Radius	Min Bend Radius (Installation)	1 pair: 66.4mm; 2 pair: 78.4mm
	Min Bend Radius (Operation)	1 pair: 66.4mm; 2 pair: 78.4mm
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

Rev. 0425ZH

Electrical Characteristics

DC Resistance (at 20°C)	Max 5.6 ohm/km	Maximum Current (25°C)	19.5A
Insulation Resistance (at 20°C)	Min 50M ohm/km	Rated Voltage	Insulated - 300V
Mutual Capacitance	1pair: 95pF/m; 2pair: 105pF/m		Operating Low Voltage - 80V
Impedance	77+/-5 OHM	Test Voltage Between Conductors	2.5kv/2s
Inductance	1pair: 0.013µH/m; 2pair: 0.013µH/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:						
12/20FC-HD-BK	810070016364	Black	500ft/152m	Reel-in-Box	41.8/19	310*340*350
12/20FC-HD-WT	810070017897	White	500ft/152m	Reel-in-Box	41.8/19	310*340*350
12/40FC-HD-BK	810093724246	Black	500ft/152m	Wood Spool	48.4/22	360*220*160
12/40FC-HD-WT	817777014655	White	500ft/152m	Wood Spool	48.4/22	360*220*160
Europe (EMEA):						
12/20FC-HD-BK-D	810070016364	Black	500ft/152m	Reel-in-Box	41.8/19	310*340*350
12/20FC-HD-WT-D	817777015539	White	500ft/152m	Reel-in-Box	41.8/19	310*340*350
12/40FC-HD-WT-D	817777015706	White	500ft/152m	Wood Spool	48.4/22	360*220*160

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