

# Premium Speaker Cable

## Round HD Jacket

### Indoor/Outdoor Rated - 16AWG

#### 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
- Tangle-Free Reelex II Box (Recyclable)
- CPR EuroClass: Dca
- Limited Lifetime Warranty
- RoHS, REACH, CE

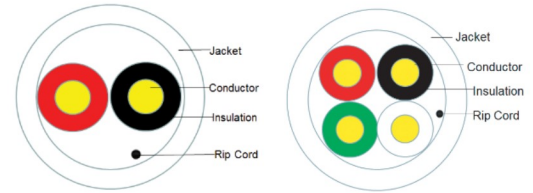


#### Description

Pro-Grade HD Speaker Cable, Indoor/Outdoor Rated - 2 or 4 Conductor, Insulated, Twisted, Unshielded, 16AWG 65 Strand Oxygen-Free Copper, Riser Rated UL CMR cUL FT4, UV Sun Resistant HD PVC Jacket, Reelex II Tangle Free Box. 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

<b>Conductor</b>	Material	Oxygen-Free Bare Copper	<b>Rip Cord</b>	Yes, Nylon				
	Solid/Stranded	Stranded (65/0.16mm +/-0.004mm)		<b>Drain Wire</b>	none			
	Size	16AWG			<b>Jacket/Sheath</b>	Material	PVC - UV Sun Res	
	Insulation Material	PVC				Nominal Jacket Thickness	0.95mm	
	Insulation OD Avg.	0.33mm				Color Code	Per Request	
	Color Code	Pr1: Black, Red; Pr2: Green, White				<b>Overall Cable Diameter (OD)</b>	1 pair: 6.25mm +/-0.2mm;	
	Twisted Pair	2 Cores to Pair					2 pair: 7.0mm +/-0.2mm	
	Insulated Conductor OD	2.0mm +/-0.10mm						
	Lay Length	26mm						
	Twists per foot/meter	38/meter						
<b>Shielding/Screen</b>	Type	Unshielded						
	Material	na						

#### Mechanical Properties

<b>Bend Radius</b>	Min Bend Radius (Installation)	1pair: 50mm; 2pair: 56mm
	Min Bend Radius (Operation)	1pair: 50mm; 2pair: 56mm
<b>Insulation Tensile Strength</b>	Unaged / Elongation %	13.8Mpa / 100%
	Aged / Elongation %	11.7Mpa / 50%
<b>Jacket/Screen Tensile Strength</b>	Unaged / Elongation %	13.8Mpa / 100%
	Aged / Elongation %	11.7Mpa / 50%
<b>Cable Cold Bend (-20°C for 4 hrs)</b>	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

<b>DC Resistance (at 20°C)</b>	Max 13.9 ohm/km	<b>Maximum Current (25°C)</b>	7.5A
<b>Insulation Resistance (at 20°C)</b>	Min 50M ohm/km	<b>Rated Voltage</b>	Insulated - 300V
<b>Mutual Capacitance</b>	1pair: 80pF/m ; 2pair: 100pF/m		Operating Low Voltage - 80V
<b>Impedance</b>	85+/-50HM	<b>Test Voltage Between Conductors</b>	2.5kv/2s
<b>Inductance</b>	1pair: 0.032µH/m; 2pair: 0.03µH/m		

### Environmental Parameters

<b>Temperature Range - Operating</b>	-20°C to 75°C (-4°F to 167°F)	<b>Temperature Range - Storage</b>	0°C to 40°C (32°F to 104°F)
<b>Temperature Range - Installation</b>	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)
<b>North America:</b>						
16/20FC-HD-BK	817777010138	Black	500ft/152m	Reelex II Box	19.49/8.85	320*260*320
16/20FC-HD-BK-HDBK	810070010850	Black	500ft/152m	Reelex II HDBox	19.49/8.85	343*258*353
16/20FC-HD-PUR	810070017804	Purple	500ft/152m	Reelex II Box	19.49/8.85	320*260*320
16/20FC-HD-WT	810070016425	White	500ft/152m	Reelex II Box	19.49/8.85	320*260*320
16/20FC-HD-WT-HDBX	817777012620	White	500ft/152m	Reelex II HDBox	19.49/8.85	343*258*353
16/40FC-HD-BK	817777011180	Black	500ft/152m	Reelex II Box	30.43/13.83	350*260*350
16/40FC-HD-BK-HDBX	810070014957	Black	500ft/152m	Reelex II HDBox	30.43/13.83	343*258*353
16/40FC-HD-PUR	810070017811	Purple	500ft/152m	Reelex II Box	30.43/13.83	350*260*350
16/40FC-HD-WT	810070016432	White	500ft/152m	Reelex II Box	30.43/13.83	350*260*350
16/40FC-HD-WT-HDBX	817777012699	White	500ft/152m	Reelex II HDBox	30.43/13.83	343*258*353
<b>Europe (EMEA):</b>						
16/20FC-HD-BK-D	817777015133	Black	500ft/152m	Reelex II Box	19.49/8.85	320*260*320
16/20FC-HD-PUR-D	817777015720	Purple	500ft/152m	Reelex II Box	19.49/8.85	320*260*320
16/20FC-HD-WT-D	817777015140	White	500ft/152m	Reelex II Box	19.49/8.85	320*260*320
H-16/20FC-OR-1000-D	817777015355	Orange	1000ft/305m	Reelex II Box	36.3/16.5	380*290*380
16/40FC-HD-BK-D	817777011074	Black	500ft/152m	Reelex II Box	30.43/13.83	350*260*350
16/40FC-HD-PUR-D	817777016659	Purple	500ft/152m	Reelex II Box	30.43/13.83	350*260*350
16/40FC-HD-WT-D	817777015171	White	500ft/152m	Reelex II Box	30.43/13.83	350*260*350
H-16/40FC-OR-D	817777015348	Orange	500ft/152m	Reelex II Box	28.6/13	350*260*350

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