

Premium Speaker Cable

Round HD Jacket

Indoor/Outdoor Rated - 16AWG

Key Features

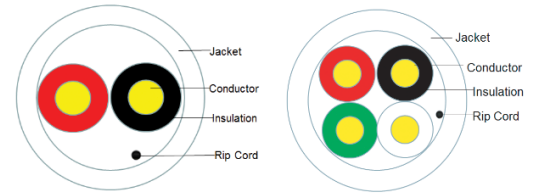
- Oxygen-Free Copper Conductors
- Round HD Jacket for Superior Flexibility
- Twisted Pair
- High Strand Count for Minimal Distortion
- Riser Rated: UL CMR FT4 Rated
- UV Protected for Seamless Indoor/Outdoor Installs
- Tangle-Free Reelex II Box (Recyclable)
- CPR EuroClass: Dca
- Limited Lifetime Warranty
- 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

Conductor	Material	Oxygen-Free Bare Copper	Rip Cord	Yes, Nylon	
	Solid/Stranded	Stranded (65/0.16mm +/-0.004mm)			
	Size	16AWG	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	2.0mm +/-0.10mm			
	Lay Length	26mm	Overall Cable Diameter (OD)	1pair: 6.25mm +/-0.2mm; 2pair: 7.0mm +/-0.2mm	
Twists per foot/meter	38/meter				
Shielding/Screen	Type	Unshielded			
	Material	na			

Mechanical Properties

Bend Radius	Min Bend Radius (Installation)	1pair: 50mm;
		2pair: 56mm
	Min Bend Radius (Operation)	1pair: 50mm;
		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

Rev. 0425ZH

Electrical Characteristics

DC Resistance (at 20°C)	Max 13.9 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	Test Voltage Between Conductors	Operating Low Voltage - 80V
Impedance	85+/-50HM		2.5kv/2s
Inductance	1pair: 0.032μH/m; 2pair: 0.03μH/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 Weighth (lb/kg)	Item Dimensions (mm)
North America:						
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
Europe (EMEA):						
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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