

Premium Speaker Cable

Round HD Jacket

Indoor/Outdoor Rated - 14AWG

Key Features

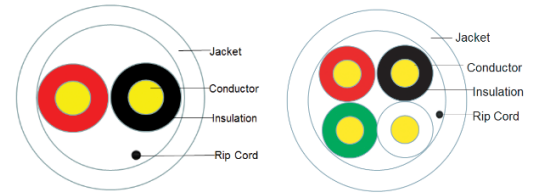
- Oxygen-Free Copper Conductors
- Round HD Jacket for Superior Flexibility
- Twisted Pair
- High Strand Count for Minimal Distortion
- Riser Rated: UL CMR FT4 Rated
- UV Protected for Seamless Indoor/Outdoor Installs
- Tangle-Free Reelex II Box, Reel-in-Box or Wooden Spool
- CPR EuroClass: Dca
- Limited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

Description

Pro-Grade HD Speaker Cable, Indoor/Outdoor Rated - 2 or 4 Conductor, Insulated, Twisted, Unshielded, 14AWG 105 Strand Oxygen-Free Copper, Riser Rated UL CMR cUL FT4, UV Sun Resistant HD PVC Jacket, Reelex II Tangle Free Box, 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 (105/0.16mm +/-0.004mm)			
	Size	14 AWG			
	Insulation Material	PVC			
	Insulation OD Avg.	0.36mm			
	Color Code	Pr1: Black, Red; Pr2: Green, White			
	Twisted Pair	2 Cores to Pair			
	Insulated Conductor OD	2.7mm +/-0.10mm			
Shielding/Screen	Lay Length	33 mm	Jacket/Sheath	Material	PVC - UV Sun Res
	Twists per foot/meter	30/meter		Nominal Jacket Thickness	0.95mm
				Color Code	Per Request
Shielding/Screen	Type	Unshielded	Overall Cable Diameter (OD)	1pair: 7.40 +/-0.2mm;	
	Material	na		2pair: 8.5 +/-0.2mm	

Mechanical Properties

Bend Radius	Min Bend Radius (Installation)	1pair: 57.6mm; 2pair:66.4mm
	Min Bend Radius (Operation)	1pair: 57.6mm; 2pair:66.4mm
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 8.8 ohm/km	Maximum Current (25°C)	12A
Insulation Resistance (at 20°C)	Min 50M ohm/km	Rated Voltage	Insulated - 300V
Mutual Capacitance	1pair: 57.6mm; 2pair:66.4mm		Operating Low Voltage - 80V
Impedance	62+/-60HM	Test Voltage Between Conductors	2.5kv/2s
Inductance	1pair: 0.032μH/m; 2pair: 0.023μH/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:						
14/20FC-HD-BK	817777013207	Black	500ft/152m	Reelex II Box	26.4/12	350*260*350
14/20FC-HD-BK-HDBX	810070019204	Black	500ft/152m	Reelex II HDBox	26.4/12	343*258*353
14/20FC-HD-PUR	810070018061	Purple	500ft/152m	Reelex II Box	26.4/12	350*260*350
14/20FC-HD-WT	810070016418	White	500ft/152m	Reelex II Box	26.4/12	350*260*350
14/20FC-HD-WT-HDBX	810070010546	White	500ft/152m	Reelex II HDBox	26.4/12	343*258*353
14/40FC-HD-BK	817777013689	Black	500ft/152m	Reel-in-Box	49.10/22.32	310*340*350
14/40FC-HD-PUR	817777010442	Purple	500ft/152m	Reel-in-Box	49.10/22.32	310*340*350
14/40FC-HD-WT	810070016401	White	500ft/152m	Reel-in-Box	49.10/22.32	310*340*350
Europe (EMEA):						
14/20FC-HD-BK-D	817777015065	Black	500ft/152m	Reelex II Box	26.4/12	350*260*350
14/20FC-HD-BK-D-1000	810093721269	Black	1000ft/305m	Wood Spool	52.8/24	360*260*160
14/20FC-HD-PUR-D	817777015072	Purple	500ft/152m	Reelex II Box	26.4/12	350*260*350
14/20FC-HD-WT-D	817777015089	White	500ft/152m	Reelex II Box	26.4/12	350*260*350
14/20FC-HD-WT-D-1000	810093721276	White	1000ft/305m	Wood Spool	52.8/24	360*260*160
14/40FC-HD-BK-D	817777015102	Black	500ft/152m	Reel-in-Box	49.10/22.32	310*340*350
14/40FC-HD-BK-D-1000	810093723843	Black	1000ft/305m	Wood Spool	98.20/44.64	380*300*160
14/40FC-HD-WT-D	817777015119	White	500ft/152m	Reel-in-Box	49.10/22.32	310*340*350

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