



12G-SDI Cable

Product number: 990616

Product Overview

The FSC-xxM is a 12G-SDI cable designed for the professional audio and video industry. Available in various lengths, it features 20 AWG solid-core oxygen-free copper conductors for lengths under 50 meters and 18 AWG solid-core oxygen-free copper conductors for lengths of 50 meters and above. The outer conductor is shielded with dual aluminium foil combined with a tinned copper braid layer which is durable and suitable for events, broadcasting, television and many other applications.



Product Features

- 99.9995% bare copper material and thick outer jacket with high flexibility.
- Maintains impedance and return loss characteristics even through rough handling during installation.
- Double-shield structure, high-density dual aluminum foil shielding and more than 90% copper wire braid ensure stable transmission.
- A wide variety of lengths available to fit any application: 3, 5, 10, 20, 30, 50, 80 and 100m.

Application scenario



	SDI Converter
	Professional Video Camera
	SDI Monitor
	SDI HD Capture Card
	Digital Video Recorder
	SDI Splitter

Specification

Name	Specification
Model	FSC-xxM
Impedance	75±2Ω(Ohms)
Capacitance	54±2PF/M
Shield	Dual Aluminium Foil
Braid	Copper wire braid
Inner Conductor	Single bare copper wire
Jacket Diameter	≤50M 6.1±0.15mm; >50M: 7.0±0.15mm
Insulation Diameter	≤50M: 3.7±0.1mm; >50M: 4.5±0.1mm
Velocity	≤50M: 82%; >50M: 83%
Frequency	1500Mhz
Peak Power	1.6KW
Structure	Inner conductor + Insulation + Outer conductor + Braid + Jacket
Inner Conductor Material	≤50M: 20AWG single-strand oxygen-free copper; >50M: 18AWG single-strand oxygen-free copper
Inner Conductor Diameter	≤50M: 0.8±0.02mm; >50M: 1.02±0.02mm
Dielectric Material	FPE
Braid Diameter	≤50M: 4.4±0.1mm; >50M: 5.4±0.1mm
Jacket Material	Composite material
Jacket Color	Black
Operating Temperature	-40°C~70°C
Rated Voltage	AC 60Vrms
Min Bend Radius	≤50M: 62mm; >50M: 59mm

Product Size



12G-SDI Cable

Connector Size 58.6*14.5mm

Jacket Diameter $\leq 50\text{M}$: $6.1 \pm 0.15\text{mm}$;
 $> 50\text{M}$: $7.0 \pm 0.15\text{mm}$



BEETEKVMX



FACEBOOK BEETEKAV