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PRODUCTS / PRO-AUDIO, VIDEO & DATA CABLE / DIGITAL AUDIO CABLE / 110Ω Single-pair DS Series: 26 Gage Extra-flexible

## 110Ω Single-pair DS Series: 26 Gage Extra-flexible



Thin profile, extra-flexible 110Ω AES/EBU digital audio twisted-pair. Featuring a data-grade foam polypropylene dielectric, the DS601M offers low attenuation, an extended 25MHz bandwidth, and a precision 110Ω impedance. The DS601M has an ultra-flexible design through its finely stranded copper conductors and spiral serve shield. In addition, the DS601M features Gepco's new G-Flex outer jacket compound that is both exceptionally flaccid and flexible. To stabilize the 110Ω impedance when the cable is flexed, the DS601M features two solid polyethylene filler rods that maintain the mechanical geometry of the cable core. Characterized up to 25MHz, the DS601M is rated for sampling rates up to 192kHz.

### FEATURES & BENEFITS

- Extra-flexible
- Thin Profile
- Precision 110Ω Impedance
- 25MHz Bandwidth for 192kHz Sampling Rates
- Foam Polypropylene Dielectric
- Stabilizing Polyethylene Rod

### APPLICATIONS

- AES3 Digital Audio
- Extended Bandwidth Analog Audio
- Time Code
- Studio Interconnect, Permanent Installation, or Portable Cables
- Ideal for Rack Patching or Patchcords

### Mechanical Specifications

Part #	# of Pairs	Nominal OD	Conductors	Dielectric (Type, Wall Thick)/ Color Code	Fillers	Shield	Drain Wire	Jacket	Approx. Weight
DS601M	1	.199"	26 AWG (30x40) Stranded Oxygen-free BC	Foam PP, .016" Wall/ White & Black	Solid Virgin Polyethylene Rods (2)	98% Oxygen-free BC Spiral Serve	Yes	Flexible Matte PVC, Black	19 lbs/Mft
<i>Thin Profile 110Ω Single-pair: Extra-flexible</i>									

### Electrical Specifications

Impedance	Capacitance	Cond. DCR	Attenuation				
			1MHz	3MHz	6MHz	12MHz	25MHz
110 Ω	14 pF/ft between conductors, 27 pF/ft between one conductor and other connected to shield	38.5 Ω/Mft	.65	1.50	2.70	4.60	7.80

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