



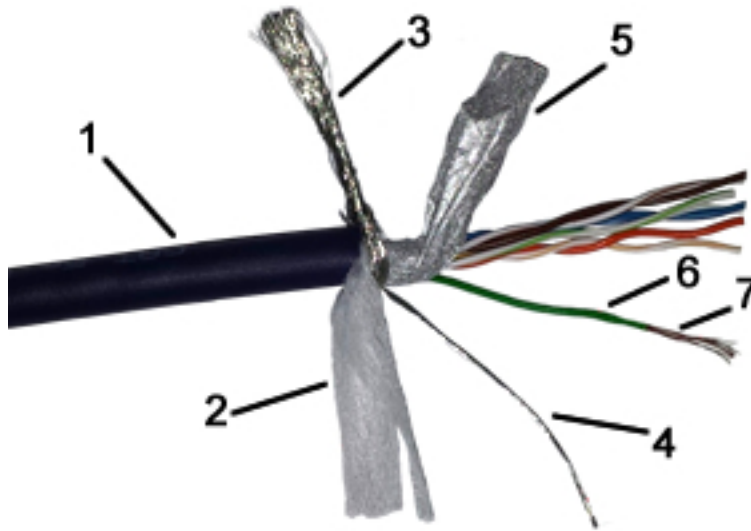
**Gotham Audio
Cable**

#80116 Cat 5e Cable in PUR

BSTP 4x2xAWG 26/19-PUR Patch Cable
Flex conductive foil + braid shield

A high performance shielded cable consisting of 4 twisted pair conductors that is used mainly for data transmission. It is suitable for work area wiring, device connecting and patching. For use in class D like 10 Base-T, 100 Base-T, 1000 Base-T, Token Ring, FDDI, ISDN, ATM, audio networks like EtherSound and DMX lighting controls.

The smallest bend radius is 30 mm and according to EtherSound, the maximum length is 75m. The PUR jacket is extremely resistant to abrasion, oils, microbes, chemicals and it remains flexible down to -40°C . The halogen-free and flame-retardant PUR jacket (according to IEC #60332-1) is both cut and cold resistant.



Construction:

1 = Jacket	6.30mm \varnothing PUR, dark blue
2 = Separation	Viscose layer
3 = Shield	Braided shield 16x9x0, 10mm
4 = Drain Wire	7x0.15mm tinned Cu wires
5 = Shield over pair	PETPAL Viscose Viber coat (Conductive) 4x over each pair
6 = Insulation	PE 0.96 mm \varnothing Foamed PE White/blue, white/orange, white/green, white/brown
7 = Conductor	4x2xAWG 22 = 0.64mm \varnothing Cu 4x pair wound

Technical Specifications:

Conductor resistance:	125 Ohm/km
Shielding resistance:	40 Ohm/km
Capacitance:	42 nF/km
Test voltage:	500 V eff.
Temperature range:	-10° to $+70^{\circ}$ C

Gotham Audio Cable is distributed in the USA and Canada by:

Gotham Audio LLC

P.O. Box 111 • 135 Spring Street, Unit C • Nazareth, PA 18064 USA

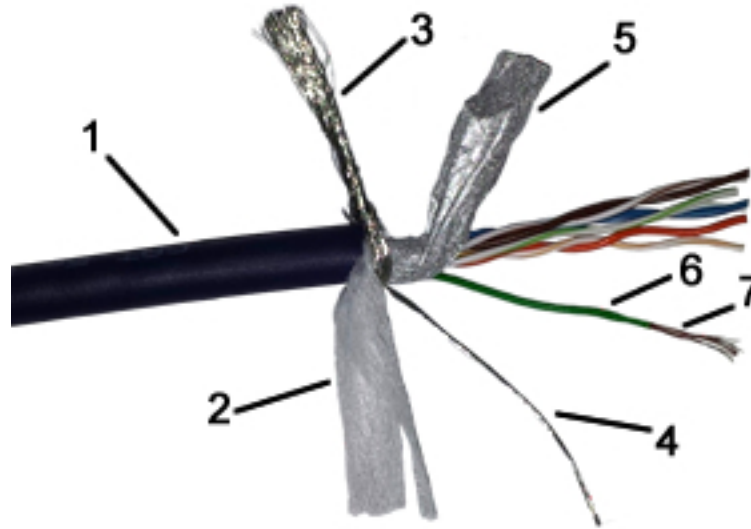
Phone: 610-746-9342 • Web: www.gothamaudioussa.com • Email: lewis@gothamaudioussa.com



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Attenuation Results:

MHz	Attenuation	SRL	NEXT	ELFEXT	ACR	MHz	Attenuation	SRL	NEXT	ELFEXT	ACR
	dB/100mt max	dB min	dB min	dB min	dB/100mt min		dB/100mt max	dB min	dB min	dB min	dB/100mt min.
1	3.1	23.0	62.3	60.8	60.5	20	12.3	23.0	42.8	34.8	34.7
4	6.4	23.0	53.3	48.8	49.7	31.25	16.8	23.0	39.9	30.9	29.7
10	9.9	23.0	47.3	40.8	41.6	62.5	24.4	23.0	35.4	24.9	20.7
16	12.1	23.0	44.3	36.7	37.0	100	31.8	23.0	32.3	20.8	13.4

Part #	Type	O.D.	Color	Spool Size	Wt./Spool	Case Unit
80116	CAT 5e	6.3 mm	dark blue	100 m	4.5 kg	4 x 100m

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