

# Whirlwind WCAT5E4 Specifications

## Four-channel Heavy-duty Tactical Cat5e Snake



Unique four-channel, heavy-duty Cat5e snake ideal for applications that require multiple or redundant channels of Cat5e cables in remote production or staging applications. The CTS4504HDX consists of four elements of Gepeco's CT504HDX heavy-duty, four-pair Cat5e UTP cables under an overall jacket. Each element features 24 gage, solid copper conductors and a unique inner belt that preserves the critical pair spacing and geometry. For added strength and diameter, each four-pair UTP element has a second TPE jacket which is color coded for easy identification. The outer jacket is also constructed from a rugged TPE compound for exceptional durability and flexibility in hostile environments. Each Cat5e four-pair UTP element can be terminated with either standard Cat5 RJ45 connectors or the ruggedized Neutrik EtherCon® connectors.

### FEATURES & BENEFITS

- Unique Four-channel Cat5e Snake
- Exceptionally Durable
- Flexible TPE Outer Jacket
- Double Jacketed Cat5e Elements
- Meets or Exceeds ISO/IEC & TIA Standards for Cat5e Cable
- Solid 24 Gage Conductors
- Terminates with Neutrik EtherCon® Connectors

### APPLICATIONS

- Ethernet Network Patching
- For Portable Use or Remote Environments



## Mechanical Specifications

Part #	# of Cat 5 Elements	Outer (Master) Jacket (Type, OD)	Conductors	Insul.	Pair Color Code	Cat5e Inner Jacket (Type, OD)	Cat5e Outer Jacket (Type, OD)	Weight
CTS4504HDX	4 (4 pair UTP)	Black TPE, .650"	24 AWG Solid BC	PE	White/Blue & Blue, White/Orange & Orange, White/Green & Green, White/Brown & Brown	Clear TPE, .190"	Black, Gray, Blue & Purple TPE, .245"	200 lbs/Mft

## Electrical Specifications

DCR Max	DCR Unbal. Max	Mutual Capac. Max	Char. Impedance	Prop. Delay (Skew) Max	Vel. of Prop. (Non-plenum, Plenum)	Standards							
	5%	17 pF/ft	100	45 ns/100m	69%	Meets or Exceeds TIA/EIA-568-B.2 Cat5e, ISO/IEC 11801							
28.6	<b>Freq. (MHz)</b>		<b>0.772</b>	<b>1</b>	<b>4</b>	<b>8</b>	<b>10</b>	<b>16</b>	<b>20</b>	<b>25</b>	<b>31.25</b>	<b>62.5</b>	<b>100</b>
	<b>Insertion Loss (dB/100m)</b>		1.8	2.0	4.1	5.8	<b>6.5</b>	8.2	9.3	10.4	11.7	17.0	22.0
	<b>PSNEXT (dB)</b>		64.0	62.3	53.3	48.8	<b>47.3</b>	44.3	42.8	41.3	39.9	35.4	32.3
	<b>PSACR (dB/100m)</b>		62.2	60.3	49.2	43.0	<b>40.8</b>	36.1	33.5	30.9	28.2	18.4	10.3
	<b>PSELFEXT (dB/100m)</b>		63.0	60.8	48.7	42.7	<b>40.8</b>	36.7	34.7	32.8	30.9	24.8	20.8
	<b>RL (dB)</b>		----	20.0	23.0	24.5	<b>25.0</b>	25.0	25.0	24.3	23.6	21.5	20.1