

## Heavy-Duty Tactical Cat5e Network Cable

### Features & Benefits

- Durable TPE Outer Jacket
- Unique Inner Belt Maintains Electrical Characteristics in Portable Applications
- Meets or Exceeds ISO/IEC 11801 Standard for Cat5e Patch Cable
- Stranded 24AWG Conductors for Exceptional Flex-life
- 100MHz Bandwidth
- Terminates with Neutrik EtherCon Connectors

### Applications

- Ethernet Network Patching
- For Portable Use or Remote Environments

Heavy-duty tactical Category 5e cable for portable or remote patching of Ethernet networks or digital audio/video formats that utilize CAT5e type interconnects. The CT504HD features exceptional durability through a unique double jacket construction and stranded copper conductors. The inner jacket of the CT504HD allows the pair to have proper physical spacing to achieve ISO/IEC CAT5e specifications, while the durable TPE outer jacket protects the cable from physical damage or abuse. The CT504HD is intended for use with Neutrik EtherCon connectors and is also available from Gepco as pre-terminated cable assemblies.



### Mechanical Specifications

Part #	# of Pairs	Nominal OD	Conductors	Insulation	Pair Color Code	Inner Jacket (type, OD)	Outer Jacket (type, OD)	UL Type	Weight
CT504HD	4	.260"	24 AWG (41/40) Stranded TC	PE	White/Blue & Blue, White/Orange & Orange, White/Green & Green, White Brown & Brown	Clear TPE, .190"	Black TPE, .260"	AWM Style 21144	26 lbs/Mft

### Mechanical Specifications

DCR Max	DCR Unbal. Max	Mutual Capac. Max	Char. Imped.	Prop. Delay (Skew) Max	Vel. of Prop.	Standards									
28.6 Ω/Mft	5%	17 pF/ft	100 Ω	45 ns/100m	69%	ISO/IEF 11801 Cat 5e Patch Cable									
				<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>	2.7	3.0	6.2	8.7	9.8	12.3	14.0	15.6	17.6	25.5	33.0
				<b>PSNEXT (dB)</b>	64.0	62.3	53.3	48.8	47.3	44.3	42.8	41.3	39.9	35.4	32.3
				<b>PSACR (dB/100m)</b>	61.3	59.3	47.2	40.1	37.6	32.0	28.9	25.7	22.4	9.9	-0.7
				<b>PSELFEXT (dB/100m)</b>	63.0	60.8	48.7	42.7	40.8	36.7	34.7	32.8	30.9	24.8	20.8
				<b>RL (dB)</b>	----	20.0	23.0	24.5	25.0	25.0	25.0	24.2	23.3	20.7	19.0

