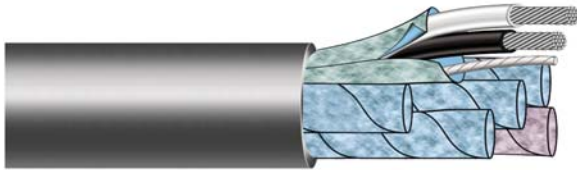


## H5130: Non-Plenum, Individually Shielded, Twisted Pair Cable

Part Number	AWG Size	Number of Pairs	Nom. Insulation Thickness	Jacket Thickness	Overall Nominal Diameter	Nom. Cap. Cond. to Conductor	Nom. Cap. Cond. to Other Cond. & Shield	Bulk Cable Weight
H5130	20	6	0.015 in.	0.045 in.	0.445 in.	30 pF/ft.	55 pF/ft.	90.38 lb/1000 ft.



### Description

20 AWG stranded (10x30) tinned copper conductors, PP insulation, six twisted pairs, individually shielded with 100% aluminum-polyester shield, 22 AWG stranded (16x34) tinned copper drain wire with each twisted pair, HDPE jacket, sequential foot marking

### Physical Characteristics

#### Conductor

AWG: 20  
 Number of Pairs: 6  
 Stranding: 10x30  
 Material: Tinned Copper

#### Insulation

Material: Polypropylene (PP)  
 Color: Black & Red, Black & White, Black & Green, Black & Blue, Black & Yellow, and Black & Brown

#### Inner Shield

S-fold, 100% aluminum-polyester tape shield with 22 AWG stranded (16x34) tinned copper drain wire with each twisted pair

#### Outer Jacket

Material: High Density Polyethylene (HDPE)  
 Color: Black

### Applicable Standards

RoHS Compliant

### Electrical Properties

Max. Operating Voltage UL: 350 V RMS  
 Max. Recommended Current: 2.7 Amps per conductor @ 25°C  
 Nom. Impedance: 50 Ω  
 Nom. Inductance: 0.2 μH/ft.  
 Velocity of Propagation: 66%  
 Nom. Conductor DC Resistance @ 20°C: 10.8 Ω/1000 ft.  
 Ind. Pair Nominal Shield DC Resistance @ 20°C: 11.2 Ω/1000 ft.

### Mechanical Properties

Operating Temperature Range: -40°C to +80°C  
 Min. Bend Radius (Install): 4.8 in.  
 Max. Recommended Pulling Tension: 156 lbs.

All data subject to change without notice.

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