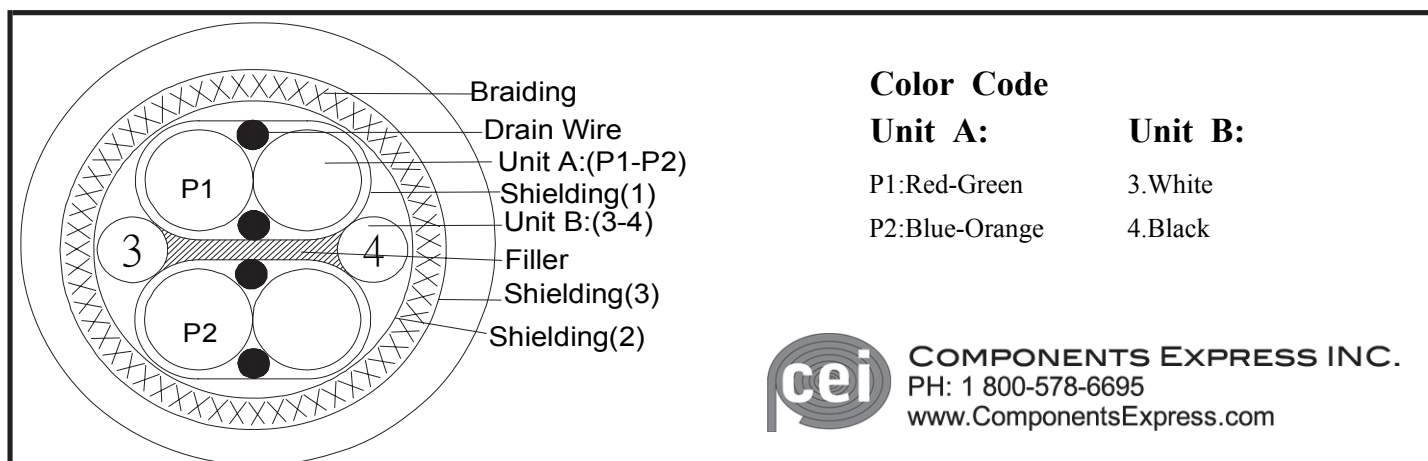


Cable Type #3

HiFlex Extended Distance Cable Spec. #H0710262



Color Code

Unit A:	Unit B:
P1:Red-Green	3.White
P2:Blue-Orange	4.Black



COMPONENTS EXPRESS INC.
 PH: 1 800-578-6695
 www.ComponentsExpress.com

ITEM		Unit A:	Unit B:
Conductor	No.of Cond.	2 Pair	2 Conductors
	Material	Tinned Copper Wire Stranded	Tinned Copper Wire Stranded
	Construction	25AWG ; 7strands /0.18±0.008 mm	22AWG ; 7strands /0.254±0.008 mm
Insulation	Material	Foam PE+Skin	SR-PVC
	Nom. Thickness	0.53mm	0.27 mm
	Nom. Diameter	1.60 ± 0.05 mm	1.30 ± 0.05 mm
Drain Wire	Material	Tinned Copper Wire Stranded(2D)	
	Construction	25AWG ; 7 strands / 0.18 mm	
Shielding(1)	Material	Foil-Free Egde Aluminum Mylar	
	Coverage	100% coverage with 25% overlapping	
Shielding(2)	Material	Foil-Free Egde Aluminum Mylar	
	Coverage	100% coverage with 25% overlapping	
Braiding	Material	Tinned Copper Wire	
	Coverage	85% coverage	
Shielding(3)	Material	Paper Spirally Wrapped	
	Coverage	100% coverage with 25% overlapping	
Jacket	Material	80°C PVC	
	Nom. Thickness	0.30 mm	
	Nom. Diameter	7.3 ± 0.20 mm	

Marking: E74020-C AWM STYLE 20276 80°C 30V DER AN IEEE 1394 SERIAL BUS CABLE

ELECTRICAL PROPERTIES

ITEM	Unit A:	Unit B:
Conductor Resistance	Max. 118 ohms/km at 20°C	Max. 55 ohms/km at 20°C
Insulation Resistance	Min. 100 mega ohms-km at 20°C	Min. 100 mega ohms-km at 20°C
Dielectric Test	500 VAC /1 min ; No Breakdown	500 VAC /1 min ; No Breakdown
Impedance	110 ± 6 ohms (Differential mode at TDR)	
	30 ± 6 ohms (Common mode at TDR)	
Crosstalk	Max.<-26 dB (1-1000Mhz)	
Attenuation	Max.2.3(250Mhz);2.9(400Mhz);3.5(500Mhz),4.6(800Mhz);5.5(1000Mhz) dB/6m;	
Propagation Delay	Max.5.05 ns/m	
Propagation Delay Skew	Max. 160 ps/4.5m	

DRWN.	Yuan	SPEC NO: H0710262-1	Construction: [(25AWG×1P+2D+FAM)×2F+22AWG×2C]+FAM+B+P
CHKD.			
APPD.		DATE: May.-13-2008	