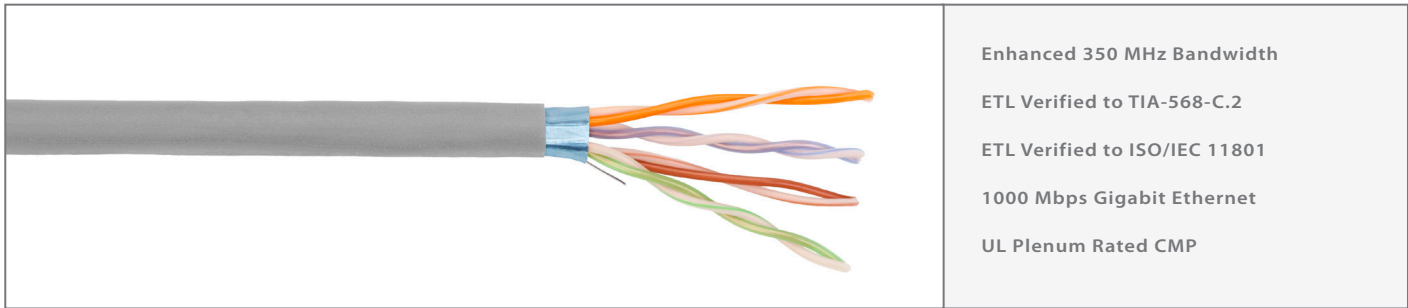


## CN424C5SP

### Plenum Rated Cat5E 350MHz Shielded STP Cable

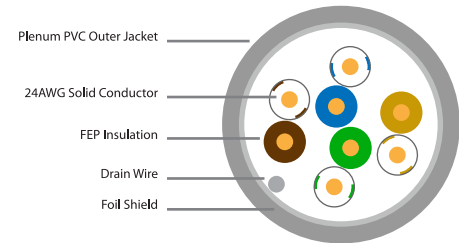


Enhanced 350 MHz Bandwidth  
ETL Verified to TIA-568-C.2  
ETL Verified to ISO/IEC 11801  
1000 Mbps Gigabit Ethernet  
UL Plenum Rated CMP

Part Number: **CN424C5SP**  
Description: Plenum Rated Category 5E 350MHz Shielded STP Cable

#### Materials & Dimensions

Conductors	(8) 24AWG Solid BC (Configured as 4 Pairs)
Insulation	FEP, .009" wall
Insulation Color Code	Pair 1: Blue & White w/ Blue Stripe Pair 2: Orange & White w/ Orange Stripe Pair 3: Green & White w/ Green Stripe Pair 4: Brown & White w/ Brown Stripe
Shield	100% Foil w/ 26AWG Solid TC Drain Wire
Jacket	PVC
Overall Diameter	.233"



#### Performance Characteristics

DCR	DCR Unbalance	Characteristic Impedance	Skew	Capacitance	Operating Temperature	Weight	Agency Listing
9.38 Ω/100m	5%	100Ω (+/- 15)	40 ms/100m (max.)	5.6 nF/100m (mutual) 330 pF/100m (pair-to-pair ground unbalanced)	-20°C to 75°C	34 lbs/Mft	(ETL) CMP C(ETL) CMP FT-6 ETL Listed & Verified

Frequency (MHz)		1	4	8	10	16	20	25	31.25	62.5	100	155	200	240	300	350
Insertion Loss	max. dB/100m	2.0	4.1	5.8	6.5	8.2	9.3	10.4	11.7	17.0	22.0	28.1	32.4	36.0	41.0	44.9
Return Loss	min. dB/100m	20.0	23.0	24.5	25.0	25.0	25.0	24.3	23.6	21.5	20.1	18.8	18.0	17.4	16.8	16.3
NEXT	min. dB/100m	68.3	59.3	54.8	53.3	50.3	48.8	47.3	45.9	41.4	38.3	35.5	33.8	32.6	31.2	30.1
PS-NEXT	min. dB/100m	66.3	57.3	52.8	51.3	48.3	46.8	45.3	43.6	39.4	36.3	33.5	31.8	30.6	29.2	28.1
ELFEXT	min. dB/100m	63.8	51.7	45.7	43.8	39.7	37.8	35.8	33.9	27.8	24.0	20.0	17.7	16.2	14.2	12.9
PS-ELFEXT	min. dB/100m	60.8	48.7	42.7	40.8	36.7	34.8	32.8	30.9	24.8	21.0	17.0	14.7	13.2	11.2	9.9
Delay	ns/100m	570.0	552.0	546.7	545.4	543.0	542.0	541.2	540.4	538.6	537.6	-	-	-	-	-