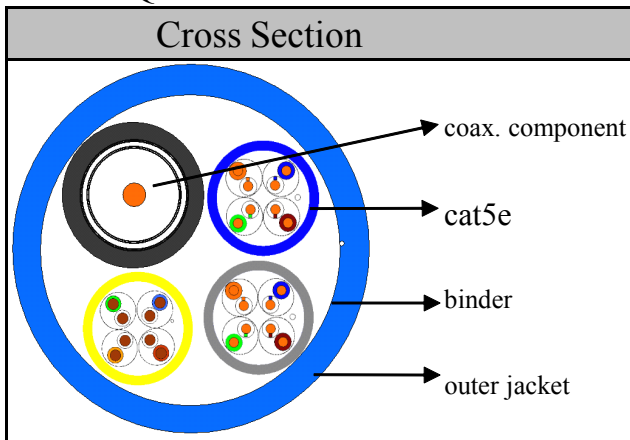


HNET2

1XRG6Q+3XCAT5e



Construction

Element 1: 1XRG6Q, black

Conductors: copper claded steel (CCS)
 AWG: 18

Insualtion F/PE
 Diameter: 4.57mm

Screen
 Bonded Al-mylar shield (overlap): >=25%
 Braiding^{1st} Aluminium wire
 Construction: 16*5/0.12mm (>= 60%)
 Double faced Al-mylar shield (overlap): >=25%
 Braiding^{2nd} Aluminium wire
 Construction: 16*4/0.12mm (>= 40%)

Jacket: PVC
 Norm. thickness: 0.80mm
 Min. thickness: 0.60mm
 Out Dia. 7.25 +/- 0.2mm

Element 2: 3XCAT5e UTP, blue , gray & ylw

Conductors: 4X2X24AWG BC
 Insualtion PE, dia. 0.90
 Ripcord: Nylon (150D)
 Jacket: PVC,dia. 5.2mm
 Thickness: 0.55mm

Binder ovall all cores, lognitudinal apply
 Overall Jacket: PVC
 Diameter: 16.5 +/- 0.3mm
 color: Blue

Electrical characteristics (CAT5e)

Freq. (Mhz)	RL (dB)	Atten. (dB/100m)	Next (dB)
1	20.00	2.04	65.30
4	23.01	4.05	56.26
8	24.51	5.76	51.75
10	25.00	6.46	50.30
16	25.00	8.24	47.23
20	25.00	9.26	45.78
25	24.32	10.42	44.33
31.25	23.64	11.72	42.87
50.0	22.21	15.06	39.81
62.5	21.53	16.99	38.36
100	20.1	21.97	35.29
200	18	32.42	30.78
250	17.32	36.85	29.33
300	16.76	40.97	28.14
350	16.29	44.85	27.13

Freq. (Mhz)	PsNext (dB)	ElFext (dB/100m)	PsElFext (dB/100m)	Dop (ns/100m)
1	62.3	63.8	60.8	570.00
4	53.26	51.75	48.75	552.00
8	48.75	45.73	42.73	546.72
10	47.3	43.80	40.79	545.38
16	44.23	39.71	36.71	543.00
20	42.78	37.77	34.77	542.04
25	41.33	35.84	32.84	541.20
31.25	39.87	33.90	30.90	540.43
50.0	36.81	29.82	26.82	539.09
62.5	35.36	27.88	24.88	538.55
100	32.29	23.79	20.79	537.60
200	27.78	17.77	14.77	536.54
250	26.33	15.84	12.84	536.27
300	25.14	14.25	11.25	536.07
350	24.13	12.91	9.91	535.92