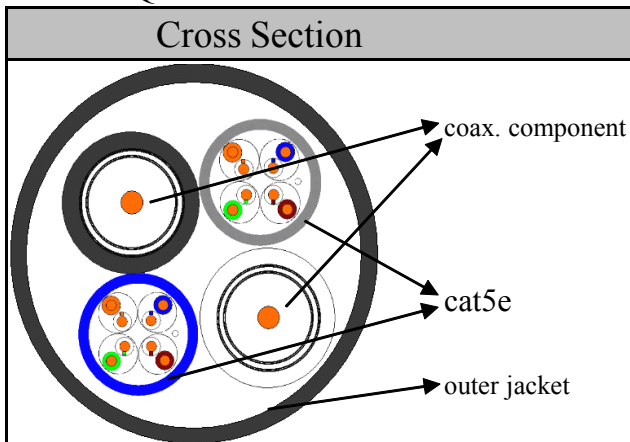


# HNET1

2XRG6Q+2XCAT5e



## Construction

Element 1: RG6Q, 2 core, black & white

**Conductors:** copper claded steel ( CCS )

AWG: 18

**Insualtion** F/PE

Diameter: 4.57mm

### Screen

Bonded Al-mylar shield (overlap):  $\geq 25\%$

Braiding<sup>1st</sup> Aluminium wire

Construction: 16\*5/0.12mm ( $\geq 60\%$ )

Double faced Al-mylar shield (overlap):  $\geq 25\%$

Braiding<sup>2nd</sup> Aluminium wire

Construction: 16\*4/0.12mm ( $\geq 40\%$ )

**Jacket:** PVC

Norm. thickness: 0.80mm

Min. thickness: 0.60mm

Out Dia. 7.25 +/- 0.2mm

Element 2: CAT5e UTP, blue & gray

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: 17.0 +/- 0.3mm

color: black

## 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