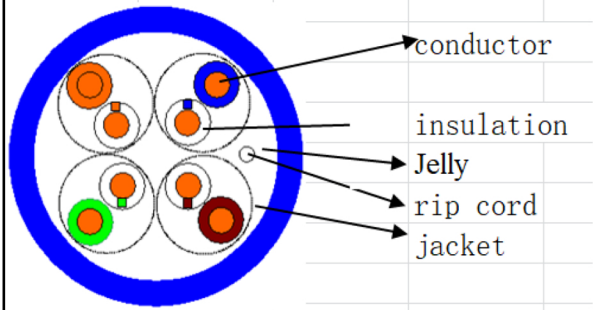


Cross Section



Description

Inner conductor	4X2/0.50mmBC Ø 0.50±0.005mm
Insulation	PE Insulation
Size of Insulation	Ø 0.90±0.05mm

Construction

Jacket	PE, UV RATED
Colour	Black
Size	Ø5.2±0.2mm
Wall thickness	Ø5.±0.1mm

Mechanical characteristics

Conductor resistance	≤95.8Ω/km
Insulation resistance)	≥5000MΩ*km
Testing voltage	wire/wire 50Hz 1min=2.5KV
Permissible temperature	-15°C----70°C
Packing	305M/Spool

Electrical characteristics

Freq. (Mhz)	RL (dB)	Atten. (dB/100m)	Next (dB)	Acr. (dB)
1	20.00	2.04	74.29	
4	23.01	3.78	65.26	
8	24.51	5.32	60.75	
10	25.00	5.95	59.29	
16	25.00	7.55	56.23	
20	25.00	8.47	54.78	
25	24.32	9.51	53.33	
31.25	23.64	10.67	51.87	
50.0	22.21	13.66	48.81	
62.5	21.53	15.38	47.36	
100	20.10	19.80	44.30	
125	19.42	22.35	42.84	
200	18.00	28.98	39.78	
250	17.32	32.85	38.33	

Freq. (Mhz)	PsNext (dB)	ElFext (dB/100m)	PsElFext (dB/100m)	Dop (ns/100m)
1	72.29	67.79	64.79	570.00
4	63.26	55.75	52.75	552.00
8	58.75	49.73	46.73	546.72
10	57.29	47.79	44.79	545.38
16	54.23	43.71	40.71	543.00
20	52.78	41.77	38.77	542.04
25	51.33	39.84	36.84	541.20
31.25	49.87	37.90	34.90	540.43
50.0	46.81	33.82	30.82	539.09
62.5	45.36	31.88	28.88	538.55
100	42.29	27.79	24.79	537.60
125	40.84	25.86	22.86	537.21
200	37.78	21.77	18.77	536.54
250	36.33	19.84	16.84	536.27