



- 導體：28 AWG
- 標準：ISO/IEC 11801、ANSI/TIA-568-C2
- 應用：數據通訊、本地網絡、樓宇信號系統
- ISO9001認證製造工廠



長度: 12米

型號: PC6\_M\_12

## Standard

Standard	ISO/IEC 11801, ANSI/TIA- 568-C2 ISO9001Certified Manufacturing Plant
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## General

Conductor	Material	Stranded-Bare Copper
	Nom. O.D. (mm)	28AWG (7/0.12)
Insulation	Material	HDPE
	Diameter	0.58±0.05 mm
Sheath	Thickness	0.55±0.05 mm
	External O.D.(Avg.)	3.8±0.3mm
	Surface	Clean, Frap, Satiation
	Material	PVC (complies RoHS)
Sheath Physical Properties (Before Aging)	Tensile Strength (Mpa)	≥13.5

Update Date: August 07, 2024

Specification subject to change without notice

	Elongation (%)	≥150
	Aging Period (°C x hrs)	100°C x 24h x 7d
Sheath Physical Properties (After Aging)	Tensile Strength (Mpa)	≥12.5
	Elongation (%)	≥125
	Cold bend (-20±2°C x 4h)	No visible cracks
Electrical Characteristics (20°C)	Impedance (Ω)	100±15
	Delay Skew (ns/100m)	≤45
	DC Resistance (Ω/100m)	23.7

## Electric Performance

Frequency (MHz)	Attenuation (dB/100m)	Next (dB)	Return Loss (dB)	Delay (ns)	ELFEXT (dB)	Power Sum Next (dB)	Power Sum Delay (ns)
1	1.9	65	19.1	521	64.2	62	61.2
4	3.5	64.1	21	504	52.1	61.8	49.1
8	5	59.4	21	500	46.1	57	43.1
10	5.5	57.8	21	498	44.2	55.5	41.2
16	7	54.6	20	496	40.1	52.2	37.1
20	7.9	53.1	19.5	495	38.2	50.7	35.2
25	8.9	51.5	19	495	36.2	49.1	33.2
31.25	10	50	18.5	494	34.3	47.5	31.3
62.5	14.4	45.1	16	492	28.3	42.7	25.3
100	18.6	41.8	14	491	24.2	39.3	21.2

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200	27.4	36.9	11	490	18.2	34.3	15.2
250	31.1	35.3	10	490	16.2	32.7	13.2

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