



- 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: 8米

型號: PC6_M_8

Standard

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| 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

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|--|--------------------------|-------------------|
| | 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 |
