

Smart Multi-Media Cable CMR/FT4



PCS Catalogue Number: SMART-1 2 x Quad-Shielded RG6U Coaxials

| PCS Catalogue Number | RG# | Conductor | | | Insul. | Jacket & O.D (inches) | Shields & Type | Nom. Impedance (Ohms) | Nom. Vel.of Prop. | Nom Cap. (Pf/ft.) | Approval Rating | Total Weight (lbs/km) | Nom. Attenuation | |
|----------------------|-----|-----------|-------|-----|--------|-----------------------|----------------|-----------------------|-------------------|-------------------|-----------------|-----------------------|------------------|--|
| | | Size | Type | | | | | | | | | MHz | db/100' | |
| RG6F | 6U | 18 | Solid | FPE | PVC | BFL&60% | 75 | 82% | 16.2 | CMG/FT4 | 112 | 1 | 0.26 | |
| | | CCS | | | .297 | BFL&40% AB | | | | | | 10 | 0.81 | |
| | | | | | | | | | | | | 50 | 1.46 | |
| | | | | | | | | | | | | 100 | 2.05 | |
| | | | | | | | | | | | | 200 | 2.83 | |
| | | | | | | | | | | | | 400 | 4.05 | |
| | | | | | | | | | | | | 700 | 5.60 | |
| | | | | | | | | | | | | 900 | 6.23 | |
| | | | | | | | | | | | | 1000 | 6.59 | |

2 x Cat5E Cables

Solid bare copper conductors, Polyolefin insulation, Ripcord, PVC jacket CMR FT4, CSA and UL approved.

| PCS Catalogue Number | No. | Pairs AWG | Size | Stranding | Nominal O.D. (inches) | Total Weight (lbs/km) | Colour Code Chart |
|----------------------|-----|-----------|------|-----------|-----------------------|-----------------------|-------------------|
| UTPR5E24-04PB0 | 4 | 24 | 24 | Solid | .197 | 65 | 5 |

| Frequency MHz | PSACR min. | ACR min. | Attenuation max. | PSNEXT min. | NEXT min. | PSELFEXT min. | ELFEXT min. | Return Loss min. |
|---------------|------------|----------|------------------|-------------|-----------|---------------|-------------|------------------|
| 1 | 68.1 | 70.1 | 1.9 | 68.3 | 70.3 | 62.0 | 65.0 | 20.0 |
| 4 | 57.1 | 59.1 | 3.9 | 59.3 | 61.3 | 50.0 | 53.0 | 23.0 |
| 10 | 48.9 | 50.9 | 6.1 | 53.3 | 55.3 | 42.0 | 45.0 | 25.0 |
| 16 | 44.1 | 46.1 | 7.8 | 50.3 | 52.3 | 37.9 | 40.9 | 25.0 |
| 20 | 41.7 | 43.7 | 8.8 | 48.8 | 50.8 | 36.0 | 39.0 | 25.0 |
| 31.25 | 36.4 | 38.4 | 11.2 | 45.9 | 47.9 | 32.1 | 35.1 | 23.6 |
| 62.5 | 26.9 | 28.9 | 16.2 | 41.4 | 43.4 | 26.1 | 29.1 | 21.5 |
| 100 | 19.0 | 21.0 | 21.0 | 38.3 | 40.3 | 22.0 | 25.0 | 20.1 |
| 155 | 10.3 | 12.3 | 26.8 | 35.5 | 37.5 | 18.2 | 21.2 | 18.8 |
| 200 | 4.5 | 6.5 | 31.0 | 33.8 | 35.8 | 16.0 | 19.0 | 18.0 |
| 250 | — | 0.8 | 35.3 | 32.3 | 34.3 | 14.0 | 17.0 | 17.3 |
| 300 | — | — | 39.2 | 31.2 | 33.2 | 12.5 | 15.5 | 16.8 |
| 350 | — | — | 43.0 | 30.2 | 32.2 | 11.1 | 14.1 | 16.3 |

Note: Values are expressed in db per 100m (328ft.) length

Pacific Cabling Solutions Ltd.
 #19 7163 Vantage Way, Delta, British Columbia, Canada V4G 1H1
 Telephone: 604.946.0669 Toll Free: 1.800.946.0669 Fax: 604.946.0609

www.pacificcabling.com