

Low Loss HDTV/SDI Digital Coax

75 Ohm Coax



| De- scription | Part No. | UL NEC/ C(UL)/CEC Type IEC | Standard Lengths | | Standard Unit Weight | | Conductor (Stranding) Diameter Nom. DCR | Nominal Insulation OD | | Shielding Material Nom. DCR | Nominal OD | | Nom. Imp. (Ω) | Nom. Vel. of Prop. | Nominal Capacitance | | Nominal Attenuation | | |
|------------------|-------------|----------------------------------|---------------------|---|-------------------------|----|--|--------------------------|----|-----------------------------------|------------|----|---------------------|--------------------------|------------------------|------|---------------------|----------------|--------------|
| | | | ft. | m | lbs. | kg | | inch | mm | | inch | mm | | | pF/ft. | pF/m | MHz | dB/ 100 ft. | dB/ 100 m |

14 AWG • Solid 1.6 mm Bare Copper • Duofoil® • 95% Tinned Copper Braid

Gas-Injected Foam HDPE Insulation • PVC Jacket (Brown, Red, Orange, Yellow, Green, Blue, Violet, Grey, White and Black)

| | | | | | | | | | | | | | | | | | | | |
|---------------|--------------|---------|------|------|-------|-------|------------|-------|------|-------------|-------|-------|----|-----|------|------|------|------|------|
| HDTV/SDI | 7731A | NEC: | 500 | 152 | 46.5 | 21.1 | 1.63 mm | 0.280 | 7.11 | Duofoil® | 0.400 | 10.16 | 75 | 85% | 16.0 | 52.5 | 1 | 0.2 | 0.5 |
| Digital Video | | CMR | 1000 | 305 | 95.0 | 43.1 | 14 AWG | | | + 95% TC | | | | | | | 10 | 0.5 | 1.5 |
| 75°C | | CEC: | 4000 | 1219 | 388.0 | 176.0 | Solid BC | | | Braid | | | | | | | 71.5 | 1.1 | 3.6 |
| | | CMG FT4 | | | | | 13.1 Ω/km* | | | 4.9 Ω/km*** | | | | | | | 135 | 1.5 | 4.8 |
| | | | | | | | 8.2 Ω/km** | | | | | | | | | | 270 | 2.1 | 6.9 |
| | | | | | | | | | | | | | | | | | 360 | 2.5 | 8.0 |
| | | | | | | | | | | | | | | | | | 540 | 3.1 | 10.0 |
| | | | | | | | | | | | | | | | | | 720 | 3.6 | 11.7 |
| | | | | | | | | | | | | | | | | | 750 | 3.7 | 12.0 |
| | | | | | | | | | | | | | | | | | 1000 | 4.3 | 14.1 |
| | | | | | | | | | | | | | | | | | 1500 | 5.5 | 18.0 |
| | | | | | | | | | | | | | | | | | 2250 | 6.9 | 22.6 |
| | | | | | | | | | | | | | | | | | 3000 | 8.2 | 26.9 |
| | | | | | | | | | | | | | | | | | 4500 | 10.4 | 34.1 |



1.6/7.2
RG-11/U Type

Return loss at 5-1600 MHz: ≥ 23 dB
1601-4500 MHz: ≥ 21 dB

Nominal Delay: 3.97 ns/m
100% Sweep tested. 5 Mhz to 3 GHz.

152 m put-up available in Black only. Pulling Tension: 644 N

Gas-Injected Foam HDPE • Black FRNC Jacket

| | | | | | | | | | | | | | | | | | | | |
|---------------|----------------|--------------|------|------|-------|-------|------------|-------|------|-------------|-------|-------|----|-----|------|------|-----------|--|--|
| HDTV/SDI | 7731ANH | IEC 332-3C | 1000 | 305 | 100.0 | 40.4 | 1.63 mm | 0.280 | 7.11 | Duofoil® | 0.400 | 10.16 | 75 | 85% | 16.0 | 52.5 | see above | | |
| Digital Video | | IEC 332-1 | 1640 | 500 | 164.0 | 66.3 | 14 AWG | | | + 95% TC | | | | | | | | | |
| 70°C | | IEC 61034-1 | 3280 | 1000 | 328.0 | 132.5 | Solid BC | | | Braid | | | | | | | | | |
| | | IEC 60331-11 | 4000 | 1219 | 400.0 | 161.5 | 13.1 Ω/km* | | | 4.9 Ω/km*** | | | | | | | | | |
| | | IEC 60754-1 | | | | | 8.2 Ω/km** | | | | | | | | | | | | |
| | | IEC 60754-2 | | | | | | | | | | | | | | | | | |



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* DC loop resistance • ** DC resistance inner conductor • *** DC resistance outer conductor • DCR = DC resistance • TC = Tinned Copper • BC = Bare Copper

Duofoil® see technical information page 23.13.