

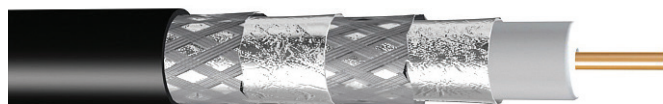
# RG11 Quad-shield Cable 305M Reel 06MM-E11Q



*For the Best*

## Features and Benefits

- » An RG11 metre marked cable with quadshielding
- » Suitable and approved for Pay and Digital TV
- » Sold in a 305 metre reel
- » Foxtel (F30450) & Telstra (739/\*\*) Approved



## Technical Data 06MM-E11Q

| Construction                  |               |                                     |
|-------------------------------|---------------|-------------------------------------|
| Inner Conductor               | Material      | Copper Clad Steel Wire              |
|                               | Diameter (mm) | 1.63±0.015                          |
| Insulation                    | Material      | Physically Foamed PE                |
|                               | Diameter, mm  | 7.11±0.15                           |
| Outer Conductor               | 1st shield    | Bonded Al/PET/Al Tape<br>7.32 ±0.15 |
|                               | 2nd shield    | Al-Mg Alloy Wire Braid              |
|                               | 3rd shield    | Non-bonded Al/PET/Al Tape           |
|                               | 4th shield    | Al-Mg Alloy Wire Braid              |
| Jacket                        | Material      | FR PVC                              |
|                               | Diameter, mm  | 10.34±0.20                          |
| Mechanical Properties         |               |                                     |
| Bending                       | Single        | 50                                  |
| Radius, mm                    | Typical       | 100                                 |
| Pulling Strength, N           |               | 384                                 |
| Adhesion Force, N             |               | >60                                 |
| Electrical Properties         |               |                                     |
| Impedance, Ω                  |               | 75±3                                |
| DCR of Inner conductor, Ω /km |               | 40.40                               |
| DCR of outer conductor, Ω /km |               | 14.40                               |
| Capacitance, pF/m             |               | 54                                  |
| Propagation Velocity, %       |               | 82                                  |
| DC Breakdown Voltage, kV      |               | 6.0                                 |
| Insulation Resistance, MΩ·km  |               | >1x10 <sup>4</sup>                  |
| Screening Attenuation, dB     |               | >105@5-1000MHz                      |
|                               |               | >95@1000-2000MHz                    |
|                               |               | >85@2000-3000MHz                    |

| Attenuation                |                                |
|----------------------------|--------------------------------|
| Frequency MHz              | Max. attenuation @20°C,dB/100m |
| 5MHz                       | 1.25                           |
| 55MHz                      | 3.15                           |
| 211MHz                     | 6.23                           |
| 250MHz                     | 6.72                           |
| 270MHz                     | 7.00                           |
| 300MHz                     | 7.38                           |
| 330MHz                     | 7.71                           |
| 350MHz                     | 7.94                           |
| 400MHz                     | 8.53                           |
| 450MHz                     | 9.02                           |
| 500MHz                     | 9.51                           |
| 550MHz                     | 9.97                           |
| 600MHz                     | 10.43                          |
| 750MHz                     | 11.97                          |
| 870MHz                     | 13.31                          |
| 1000MHz                    | 14.27                          |
| 1300MHz                    | 16.21                          |
| 1450MHz                    | 17.36                          |
| 1750MHz                    | 19.52                          |
| 2150MHz                    | 21.65                          |
| 2600MHz                    | 24.04                          |
| 2832MHz                    | 25.09                          |
| 3000MHz                    | 25.86                          |
| Return Loss, dB            |                                |
| 5-3000MHz                  | ≥20                            |
| Standards                  |                                |
| Operation                  | -40~+70°C                      |
| UL 1581 UV Resistance 720h | Compliant                      |
| 2011/65/EU                 | Compliant                      |