

Siechem RG 316 - (50 ohms) Type Co-axial Cable

Applications

- ✓ Communication systems
- ✓ Indoor/Outdoor system
- ✓ Wireless system
- ✓ Jumper cable assemblies
- ✓ Broadcast and military equipment
- ✓ Radio frequency

Product Construction

- ✓ Conductor : Silver- plating copper- clad steel wire conductor.
- ✓ Insulation : Polytetrafluoroethylene (PTFE)
- ✓ Insulation Colour : Red
- ✓ Braiding : Silver-plating copper conductor
- ✓ Outer Sheath : Fluorinated Ethylene Propylene (FEP).
- ✓ Sheath Colour : As per Customer order.

Technical Data

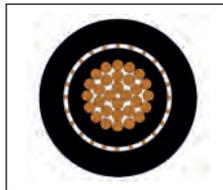
- ✓ Standard : ES 96220-01
- ✓ Characteristic Impedance : 50 ± 2 Ohms
- ✓ Insulation Resistance : 1000 MΩ. km
- ✓ Electrostatic capacity : 105 nF/km
- ✓ Standard Damping rate :

Features

- ✓ Halogen free and flame retardant
- ✓ UV, oil and chemical resistant
- ✓ Low loss in signal quality
- ✓ High frequency cable with a characteristic impedance of 50 Ohms
- ✓ Direct burial applications
- ✓ Low attenuation values

Coaxial Cables **RG 316**

2D View



Approvals Accreditations Certifications



| Part Number | Area | No. of Strands | Wire Dia Nom | Conductor Dia | Insulation Thickness Nom | Braiding Wire Dia Nom | Sheath Thickness Nom | Cable Overall Dia Diameter Nom | Maximum Conductor Resistance at 20°C | Approx Weight |
|-------------|-------|----------------|--------------|---------------|--------------------------|-----------------------|----------------------|--------------------------------|--------------------------------------|---------------|
| | Sq.mm | Nos | mm | mm | mm | mm | mm | mm | Ω/km | Kg/km |
| H813A2701XX | 0.16 | 7 | 0.17 | 0.51 | 0.50 | 0.102 | 0.25 | 2.50 ± 0.10 | 275.9 | 14 |

| Freq. (MHz) | 50 | 100 | 400 | 1000 | 3000 |
|-------------------------|-------|-------|-------|-------|-------|
| Attenuation (dB/m) Max. | 0.250 | 0.367 | 0.700 | 1.267 | 1.933 |

Note : XX* : Please add last two digits in the part number as per the colour code given hereunder replacing XX while ordering.

| | | | | | | | | | | |
|----------------|-------------|---------------|--------------|--------------|-------------------|---------------|--------------|-------------|-------------|-------------|
| Red - 01 | Yellow - 02 | Blue - 03 | Black - 04 | Green - 05 | Yellow-Green - 06 | Grey - 07 | Brown - 08 | White - 09 | Orange - 10 | Violet - 11 |
| Chocolate - 12 | Tan - 13 | Charcoal - 14 | LT Blue - 15 | DK Grey - 16 | LT Green - 17 | DK Green - 18 | DK Blue - 19 | Purple - 20 | Pink - 21 | |

** We have obtained various approvals, accreditations, and certifications — some of which may not be relevant to this catalog.



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