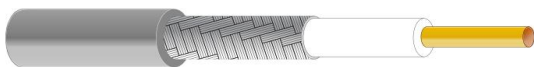


## LOW LOSS FLEXIBLE COAXIAL CABLE



REF : HY132

### SPECIFICATIONS MECANQUES / MECHANICAL SPECIFICATIONS

|                                                 |                  |
|-------------------------------------------------|------------------|
| Type de câble / Cable type                      | Miniature        |
| Températures d'utilisation / Temperature range  | -40 °C ~ +200 °C |
| Rayon de courbure minimum / Minimum bend radius | 6 mm             |
| Poids / Weight                                  | N/A              |

### SPECIFICATIONS ELECTRIQUES / ELECTRICAL SPECIFICATIONS

|                                                  |               |
|--------------------------------------------------|---------------|
| Frequence d'utilisation / Frequency range        | DC ~ 8 GHz    |
| Impédance / Impedance                            | 50 Ohms       |
| Capacité / Capacitance                           | 96 pF/m       |
| Vitesse de propagation / Velocity of propagation | 69 %          |
| Efficacité de blindage / Shielding effectiveness | N/A           |
| Retard linéique / Time delay                     | N/A           |
| Tension d'utilisation / Voltage Withstand        | 30 Vdc @105°C |

### CONSTRUCTION ET MATERIAUX / CONSTRUCTION AND MATERIAL SPECIFICATIONS

|                                        |                                   |
|----------------------------------------|-----------------------------------|
| Conducteur central / Inner conductor   | Stranded SPC Ø 0,26mm (7 x 0.085) |
| Diélectrique / Dielectric              | FEP Ø 0.70 mm                     |
| Conducteur extérieur / Outer conductor | N/A                               |
| Tresse de blindage / Shield braid      | SPC Ø 16/4/0,05 mm                |
| Gaine et Couleur / Jacket and Color    | FEP Ø 1.32 mm                     |

### ATTENUATION ET PUISSANCE / ATTENUATION AND POWER HANDLING

|                                                                                                                        |      |      |      |      |      |      |      |  |  |  |  |
|------------------------------------------------------------------------------------------------------------------------|------|------|------|------|------|------|------|--|--|--|--|
| Frequency (MHz)                                                                                                        | 2    | 2,4  | 2,5  | 5    | 6    | 7,5  | 8    |  |  |  |  |
| Typical attenuation (dB/m)                                                                                             | 2,90 | 3,20 | 3,28 | 5,05 | 5,40 | 6,73 | 7,31 |  |  |  |  |
| Typical attenuation with VSWR = 1.0 and Temperature = 25 °C                                                            |      |      |      |      |      |      |      |  |  |  |  |
| Max power handling (W/cw)                                                                                              | N/A  | N/A  | N/A  | N/A  | N/A  | N/A  | N/A  |  |  |  |  |
| Max power handling with VSWR = 1.0, Temperature = 40 °C, sea level, dry air, atmospheric pressure and no solar loading |      |      |      |      |      |      |      |  |  |  |  |

### ATTENUATION (dB/m) / TYPICAL ATTENUATION (dB/m) vs FREQUENCY (MHz)

