# Technical specifications

**Ref. 413503**

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|---|---|---|
| Model | | SK125plus |
| Cable type | | RG-6 |
| Standard | | EN50117-9-2 |
| Euroclass | | Eca |
| Class | | A+ |
| Inner conductor Diameter | in | 0.039 |
| Inner conductor Material | | Copper (Cu) |
| Inner conductor Resistance | Ohm/km | < 22 |
| Dielectric Diameter | in | 0.181 |
| Dielectric Material | | Foam polyethylene (PEE) |
| Dielectric Color | | Orange RAL 1007 |
| Overlapped foil | | Aluminium + Polyester |
| Braid Material | | Tinned copper (CuSn) |
| Braid dimensions: No. of carriers (Nc) | | 16 |
| Braid Dimensions: No. of strands per carrier (Ns) | | 6 |
| Braid Dimensions: strand diameter (Ø) | in | 0.005 |
| Braid Resistance | Ohm/km | < 15 |
| Braid Coverage | % | 60 |
| 2nd foil | | Yes |
| 2nd foil glued to the dielectric | | No |
| Petrol-Jelly | | No |
| Anti-migrating film | | No |
| Outer sheath Diameter | in | 0.264 |
| Outer sheath Material | | PVC |
| Minimum bending radius | in | 1.319 |
| Transfer impedance (5-30MHz) | mΩ /m | < 2.5 |
| 1GHz shielding | dB | > 95 |
| Spark Test | Vac | 3000 |
| Capacitance | pF/m | 53 |
| Impedance | Ω | 75 |
| Velocity ratio | % | 84 |
| Operating temperature | °F | -22 ... 158 |
| Atenuacion 5MHz | dB/m | 0.02 |
| Atenuacion 47MHz | dB/m | 0.05 |
| Atenuacion 54MHz | dB/m | 0.05 |
| Atenuacion 90MHz | dB/m | 0.06 |
| Atenuacion 200MHz | dB/m | 0.09 |
| Atenuacion 500MHz | dB/m | 0.14 |
| Atenuacion 698MHz | dB/m | 0.16 |
| Atenuacion 800MHz | dB/m | 0.18 |
| Atenuacion 862MHz | dB/m | 0.19 |
| Atenuacion 950MHz | dB/m | 0.2 |
| Atenuacion 1000MHz | dB/m | 0.21 |
| Atenuacion 1220MHz | dB/m | 0.22 |
| Atenuacion 1350MHz | dB/m | 0.25 |
| Atenuacion 1750MHz | dB/m | 0.28 |
| Atenuacion 2050MHz | dB/m | 0.31 |
| Atenuacion 2150MHz | dB/m | 0.32 |
| Atenuacion 2200MHz | dB/m | 0.32 |
| Atenuacion 2300MHz | dB/m | 0.32 |
| Atenuacion 2400MHz | dB/m | 0.34 |
| Atenuacion 3000MHz | dB/m | 0.36 |
| Return losses 5MHz | dB | 23 |
| Return losses 47MHz | dB | 23 |
| Return losses 54MHz | dB | 23 |
| Return losses 90MHz | dB | 23 |
| Return losses 200MHz | dB | 23 |
| Return losses 500MHz | dB | 20 |
| Return losses 698MHz | dB | 20 |
| Return losses 800MHz | dB | 20 |
| Return losses 862MHz | dB | 20 |
| Return losses 950MHz | dB | 20 |
| Return losses 1000MHz | dB | 20 |
| Return losses 1220MHz | dB | 18 |
| Return losses 1350MHz | dB | 18 |
| Return losses 1750MHz | dB | 18 |
| Return losses 2050MHz | dB | 16 |
| Return losses 2150MHz | dB | 16 |
| Return losses 2200MHz | dB | 16 |
| Return losses 2300MHz | dB | 16 |
| Return losses 2400MHz | dB | 16 |
| Return losses 3000MHz | dB | 16 |