

DESCRIPTION

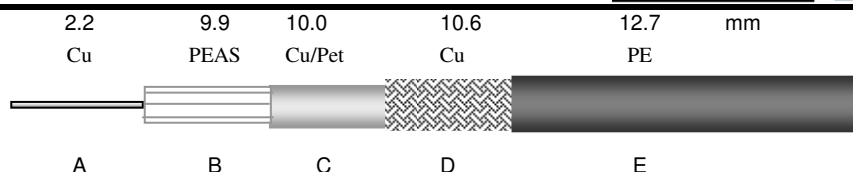
Coaxial cable - 75 Ohm

BS 5425 designation : 1000



Code:

KF22AS/PE



CONSTRUCTION DATA

DIMENSIONS

- | | | | |
|-------------------|---|---------------|----------------------------------|
| A. | Inner conductor of plain annealed copper wire. | (Cu) Φ | 2.20 \pm 0.03 mm |
| B. | Dielectric of semi air-spaced Polyethylene | (PEAS) Φ | 9.90 \pm 0.20 mm |
| Outer conductors: | | | |
| C. | Copper/Polyester tape longitudinally overlapped | (Cu/Pet) | 38 x 0.045 mm |
| D. | Braid of plain copper wires.
Lay of braid.
Coverage | (Cu) | 16 x 8 x 0.15 mm
46 mm
59% |
| E. | Outer sheath of black Polyethylene | (PE) Φ | 12.7 \pm 0.20 mm |

Weight of copper conductors : 67.0 kg/km
 Total weight of cable (approx.) : 135.0 kg/km
 Minimum bending radius indoor/outdoor : 75/150 mm

ELECTRICAL DATA

Characteristic Impedance : 75 \pm 2.5 Ohm
 Capacitance : 52 pF/m \pm 2
 Velocity ratio : 85%
 Attenuation (at 20°C) : dB/100m

Frequency	Atten.	\pm 5%	Frequency	Atten.
5 MHz	0.60		860 MHz	9.00
50 MHz	1.90		1000 MHz	9.90
100 MHz	2.70		1350 MHz	12.00
200 MHz	4.10		1750 MHz	13.90
300 MHz	5.10		2150 MHz	15.60
460 MHz	6.20			

Inner conductor resistance : 5.0 Ohm/km	S.R.L. : 5-470 MHz > 23dB
Outer conductors resistance : 5.6 Ohm/km	470-862 MHz > 20dB
	862-2150 MHz > 18dB
Screening Attenuation (As) : 30-000 MHz > 85dB	1000-2150 MHz > 75dB