

COAXTHERM®

KX 6A HT 180C
75 Ohms



- 1 • Plain copper stranded core (CuA1)
- 2 • Fluoropolymer dielectric
- 3 • Plain copper braid
- 4 • Silicone rubber

Marking

"COAXTHERM KX 6A HT 180 C –
75 Ohms – < batch number >"

Colour code

- Green jacket

For any other request: please contact us

Applications

Data transmission in high temperature environment for aerospace and defence industries

Characteristics

- **Thermal**
Continuous operating temperature: **-60°C to +180°C**
- **Chemical**
Resistance to chemical environments: ★★★★★
Resistance to humidity: ★★★★★
- **Fire-smoke**
Flame retardant

CONSTRUCTION

INNER CONDUCTOR (1)		DIELECTRIC (2)	OUTER CONDUCTOR (3)	OUTER SHEATH (4)	Approx. linear weight (kg / km)
Stranding (n x mm)	Nominal diameter (mm)	Nominal diameter (mm)	Nominal diameter (mm)	Nominal diameter (mm)	
7 x 0.20	0.60	3.70	4.85	6.10	67.0

DATA TRANSMISSION CHARACTERISTICS

Impedance	75 Ω
Capacitance max	70 pF / m
Use frequency max	3 GHz
Velocity of propagation	69.5%

SIGNAL ATTENUATION

Frequency (MHz)	Nominal attenuation (dB / 100 m)
200	20

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