

KJAAM-HF

75 V



CONDUCTOR	Tinned copper conductor
INSULATION	PE
TWISTED PAIR	Two insulated cores twisted together
INDIVIDUAL SCREEN	Aluminium polyester tape and tinned copper drain wire
SCREEN	Aluminium polyester tape and tinned copper drain wire
SHEATH	LSZH Thermoplastic Standard colour light grey
REFERENCE STANDARD	EN 50288-7

APPLICATION

Cable for instrumentation, process control, computer and sound reproduction systems. Designed for transmission of digital and low-level analog signals, provides excellent protection against electromagnetic interference. For fixed installation.

PHYSICAL PROPERTIES:

MIN. BENDING RADIUS (installation/fixed)	9 x Ø/6 x Ø
CORE IDENTIFICATION	Pair colours blue/red Pair identification on numbered tape over pairs

MAIN CHARACTERISTICS:

FIRE PERFORMANCE	Dca s2, d2, a1
RATED VOLTAGE	75 V
UV RESISTANCE	UL1581 section 1200
MIN. INSTALLATION TEMPERATURE	-15 °C
OPERATING TEMPERATURE	-40 - 70 °C

ELECTRICAL PROPERTIES:

		Unit
Pair DC resistance (20 °C), max.	81	ohm/km
Nominal pair capacitance (800 Hz)	100	nF/km
Loop inductance	0.6	mH/km
Insulation resistance, min.	2000	Mohm/km
Test voltage DC	1.5	kV

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Part number	No. of conductors x Conductor area (mm²)	Nominal outer Ø mm	Weight kg/km
3050103012	1 x (2+1) x 0.5	4.8	33
3050103022	2 x (2+1) x 0.5 + 0.5	8.0	70
3050103042	4 x (2+1) x 0.5 + 0.5	10.0	120
3050103082	8 x (2+1) x 0.5 + 0.5	12.6	205
3050103122	12 x (2+1) x 0.5 + 0.5	15.1	286
3050103242	24 x (2+1) x 0.5 + 0.5	20.2	522

Standard length 1000 m