

NOVAK-HF

75 V



CONDUCTOR	Tinned copper conductor
INSULATION	PE
TWISTED PAIR	Two cores twisted together Each pair with different lay
STRANDING	Units of 4 pairs cabled together
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 and computer systems. For fixed installation.

PHYSICAL PROPERTIES:

MIN. BENDING RADIUS (installation/fixed)	9 x Ø/6 x Ø
CORE IDENTIFICATION	Pair colours white and orange Pair identification with colour code and identification number Unit identification with numbered tape

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 loop resistance (20 °C), max.	81	ohm/km
Nominal pair capacitance (800 Hz)	80	nF/km
Loop inductance	0.6	mH/km
Insulation resistance (20 °C), min.	100	Mohm/km

NOVAK-HF

Part number	No. of conductors x Conductor area (mm ²)	Nominal outer Ø mm	Weight kg/km	Standard length m
3150303022	2 x 2 x 0.5 + 0.5	7.0	55	200
3150603022	2 x 2 x 0.5 + 0.5	7.0	55	500
3150103022	2 x 2 x 0.5 + 0.5	7.0	55	1000
3150303042	4 x 2 x 0.5 + 0.5	8.0	80	200
3150603042	4 x 2 x 0.5 + 0.5	8.0	80	500
3150103042	4 x 2 x 0.5 + 0.5	8.0	80	1000
3150303082	8 x 2 x 0.5 + 0.5	11.0	145	200
3150103082	8 x 2 x 0.5 + 0.5	11.0	145	1000
3150103122	12 x 2 x 0.5 + 0.5	12.0	205	1000
3150103242	24 x 2 x 0.5 + 0.5	17.0	375	1000

