

FIRELINE 750

500 V



CONDUCTOR	Solid or stranded copper conductor
INSULATION	Mica tape XLPE
STRANDING	Conductors cabled together Tinned copper drain wire under the screen
SCREEN	Aluminium polyester tape
SHEATH	LSZH Thermoplastic Standard colour red
REFERENCE STANDARD	EN 50288-7

APPLICATION

Fire-resistant collectively screened instrumentation and control cable. For fixed installation.

PHYSICAL PROPERTIES:

MIN. BENDING RADIUS (installation/fixed)	6 x Ø/4 x Ø
CORE IDENTIFICATION	2 cores blue and brown 3 cores brown, black and grey 4 cores blue, brown, black and grey 7-19 cores black numbers on white base

MAIN CHARACTERISTICS:

FIRE PERFORMANCE	IEC 60332-1-2 IEC 60332-3-22
RATED VOLTAGE	500 V
FIRE-RESISTANT	IEC 60331-21
UV RESISTANT	IEC 60068-2-5
HALOGEN-FREE	IEC 60754 series
SMOKE EMISSION	IEC 61034 series
MIN. INSTALLATION TEMPERATURE	-15 °C
OPERATING TEMPERATURE	-40 - 70 °C
MAX. CONDUCTOR TEMPERATURE	90 °C

ELECTRICAL PROPERTIES:

	1	1.5	2.5	Unit mm²
Conductor area				
Conductor resistance, (20 °C) max.	18.1	12.1	7.4	ohm/km
Capacitance (800 Hz)	70	80	87	nF/km
Loop inductance, max.	0.67	0.68	0.63	mH/km

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Part number	No. of conductors x Conductor area (mm²)	Nominal outer Ø mm	Weight kg/km
75001	2 x 1.0	7.5	80
75002	3 x 1.0	7.9	90
75003	4 x 1.0	8.5	105
75004	7 x 1.0	10.0	150
75005	12 x 1.0	13.0	240
---	19 x 1.0	15.5	340
75011	2 x 1.5	8.0	95
75012	3 x 1.5	8.5	110
75022	3 x 1.5 S*	8.5	110
75013	4 x 1.5	9.2	130
75014	7 x 1.5	11.0	195
75015	12 x 1.5	14.2	305
75016	19 x 1.5	16.5	450
75021	2 x 2.5	9.5	135
75112	3 x 2.5	9.8	155
75023	4 x 2.5	10.6	185
75024	7 x 2.5	12.6	280
75025	12 x 2.5	16.8	450
---	19 x 2.5	20.0	680

Standard length 1000 m

* S = G-type, with yellow/green earth conductor and G-marking on sheath 3G1.5

Core identification black, blue, yellow/green