

# 6945XL7W to 69448XL7W

## MULTICORE AUXILLIARY CABLE

**STANDARD:** BS 5467

**VOLTAGE RATING:** 600/1000V

**APPLICATION:**

Industrial wiring for remote control and telemetry circuits etc. Can be laid direct in the ground, or in ducts, clipped to surface, on trays or in free air. May be embedded in concrete.

**CONSTRUCTION:**

Multi-core cables. Stranded plain copper conductors, XLPE insulated, cores laid up, extruded PVC bedding, galvanised steel wire armoured and PVC sheathed.

**CORE COLOURS:**

White with Black numerals.

**SHEATH COLOUR:** Black. Other colours available to order.

**BASEC:** Certified

**MINIMUM BENDING RADIUS:** 6D

**MAXIMUM CONDUCTOR TEMPERATURE:** 90°C.

Note: Where a conductor operates at a temperature exceeding 70°C it shall be ascertained that the equipment connected to the conductor is suitable for the conduct or operating temperature (see regulation 512-1-2 of BS7671, the 17th Edition of IEE Wiring Regulations).

**CURRENT RATING:** Available upon request.

Reduced Flame Propagation designs are available to order.



Number of cores	Reference number	Nominal area of conductor	Approx. diameter under armour	Approx. diameter over armour	Approx. overall diameter	Approx. nett weight
		mm <sup>2</sup>	mm	mm	mm	kg/km
Five	6945XL7W	1.5	9.5	11.3	14.3	420
		2.5	11.2	13.0	16.1	520
		4.0	12.7	15.2	17.8	750
Seven	6947XL7W	1.5	10.2	12.1	15.2	470
		2.5	12.3	14.1	17.1	600
		4.0	14.0	16.5	19.7	890
Twelve	69412XL7W	1.5	13.7	16.2	19.4	780
		2.5	16.3	18.8	22.4	1000
		4.0	19.1	22.2	25.7	1410
Nineteen	69419XL7W	1.5	16.2	18.7	22.2	1000
		2.5	19.9	23.1	26.6	1540
		4.0	22.5	25.7	29.3	1830
Twenty-seven	69427XL7W	1.5	20.0	23.2	26.7	1500
		2.5	24.0	27.2	30.7	1950
		4.0	27.5	30.7	34.4	2500
Thirty-seven	69437XL7W	1.5	22.3	25.5	29.0	1800
		2.5	26.9	30.1	33.8	2350
		4.0	31.0	35.0	39.2	3100
Forty-eight	69448XL7W	1.5	25.4	28.6	32.7	2050
		2.5	31.0	35.0	39.3	3100
		4.0	35.3	39.3	44.1	4100

