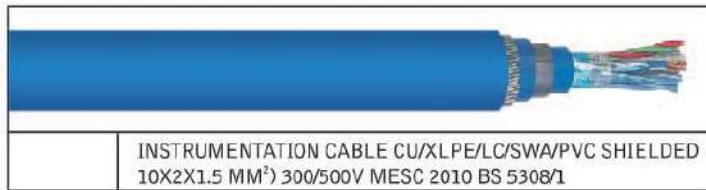


INSTRUMENTATION CABLE MULTIPAIR INDIVIDUALLY & COLLECTIVELY SCREENED, LEAD SHEATHED & AROMORED XLPE / IS / OS / LC / SWA / PVC

SPECIFICATION: BS: 5308/1, IEC-60502, IEC-60332



Construction

- **Conductor** : Stranded plain copper to Class 2 of BS 6360 / IEC 60228.
- **Insulation** : XLPE to IEC 60502
- **Pairs / Triples** : Two / Three insulated conductors are uniformly twisted to form a pair / triple with 6-8 twists per foot.
- **Color Code** : Blue / White for Pairs, Blue / White / Brown for Triples with each core numbered for multiple pair / triple identification.
- **Individual Screen** : Aluminum backed Mylar tape is applied over each pair / triple with an overlap of 25% with metallic side down in contact with a drain wire of 0.5sq mm. All pair / triple shields are electrically isolated from each other.
- **Cabling** : Required numbers of individually screened pairs / triples are assembled with non-hygroscopic filler if necessary and the assembly is wrapped with a polyester binder tape.
- **Communication Pair** : 0.32 sq.mm, stranded, plain copper conductor insulated with 90°C PVC thickness 0.2mm colored Red & Green twisted pair. Communication pair is included in the cable for multiple pair / triple cables.
- **Collective Screen** : Aluminum backed Mylar tape is applied with an overlap of 25% with the metallic side down in contact with a drain wire of 0.5sq.mm run longitudinally over the binder tape.
- **Inner Sheath** : Extruded black PVC type 9 to BS 7655 / IEC 60502.
- **Lead Sheath** : An extruded sheath of lead alloy in accordance with BS EN 12548 (old BS 801) shall be applied over the inner sheath.
- **Bedding** : Extruded black PVC type 9 to BS 7655 / IEC 60502 is applied over the lead sheath.
- **Wire Armor** : A single layer of galvanized steel wire armour is applied spirally over the extruded PVC bedding.
- **Over Sheath** : Extruded black PVC type 9 to BS 7655 / IEC 60502 is applied over the galvanized steel wire armour. Flame retardant according to IEC 322-3 Cat. A and Cat C.
- **Printing on the Sheath** : Instrumentation cable CU / XLPE / LC / SWA / PVC / SHIELDED... X 2 X mm²
300/500 V MESC YEAR BS 5308/1.

INSTRUMENTATION CABLE MULTIPAIR INDIVIDUALLY & COLLECTIVELY SCREENED, LEAD SHEATHED & ARMORED XLPE / IS / OS / LC / SWA / PVC

SPECIFICATION: BS: 5308/1, IEC-60502, IEC-60332

Technical Data :

- Temperature Range : 5°C to 50°C (During installation)
30°C to 90°C (During Operation)
- Voltage Rating : 300 / 500 Volts
- Conductor Resistance : Max. 12.3 Ω/km at 20°C (1.5sq.mm)
Max. 18.5 Ω/km at 20°C (1.0sq.mm)
- Mutual Capacitance (at 1 KHz) : Max. 120 nF/Km (1.5 sq.mm)
Max. 115 nF/Km (1.0 sq.mm)
- Capacitance Unbalanc (at 1 KHz) : Max. 250 pF/250Km
- L/R Ratio : Max. 25H/Ω (1.0 sq.mm)
Max. 40H/Ω (1.5 sq.mm)
- Insulation Resistance : Min. 5000 MΩ - Km at 20°C (500 V DC 1 minute)
- Voltage Test : 1000 V r.m.s. for 1 minute.

Order No.	MESC CODE	Pair	Size mm	Strands No. X mm	Insulation thickness mm	thickness Of lead mm	Approx.Dia Over Bedding mm	Armor Wire Dia. mm	Over sheath Thickness mm	Approx. Overall Dia.(mm).
L4001	0414-02P00100-WLBK8-05	2	1.0	7x0.43	0.6	1.1	15.3	1.25	1.6	21.8
L4002	0414-03P00100-WLBK8-05	3	1.0	7x0.43	0.6	1.2	18.9	1.6	1.7	26.3
L4003	0414-04P00100-WLBK8-05	4	1.0	7x0.43	0.6	1.2	20.2	1.6	1.7	27.6
L4004	0414-05P00100-WLBK8-05	5	1.0	7x0.43	0.6	1.2	21.6	1.6	1.7	29.0
L4005	0414-06P00100-WLBK8-05	6	1.0	7x0.43	0.6	1.3	23.6	1.6	1.9	31.4
L4006	0414-07P00100-WLBK8-05	7	1.0	7x0.43	0.6	1.3	23.6	1.6	1.9	31.4
L4007	0414-08P00100-WLBK8-05	8	1.0	7x0.43	0.6	1.3	24.8	1.6	1.9	32.6
L4008	0414-09P00100-WLBK8-05	9	1.0	7x0.43	0.6	1.3	26.2	1.6	1.9	34.0
L4009	0414-10P00100-WLBK8-05	10	1.0	7x0.43	0.6	1.3	27.3	1.6	1.9	35.1
L4010	0414-12P00100-WLBK8-05	12	1.0	7x0.43	0.6	1.5	29.6	2.0	2.1	38.6
L4011	0414-15P00100-WLBK8-05	15	1.0	7x0.43	0.6	1.5	31.8	2.0	2.1	40.8
L4012	0414-16P00100-WLBK8-05	16	1.0	7x0.43	0.6	1.6	33.2	2.0	2.2	42.4
L4013	0414-18P00100-WLBK8-05	18	1.0	7x0.43	0.6	1.6	34.5	2.0	2.2	43.7
L4014	0414-20P00100-WLBK8-05	20	1.0	7x0.43	0.6	1.6	35.8	2.0	2.2	45.0
L4015	0414-25P00100-WLBK8-05	25	1.0	7x0.43	0.6	1.7	40.1	2.5	2.4	50.7
L4016	0414-30P00100-WLBK8-05	30	1.0	7x0.43	0.6	1.7	42.8	2.5	2.4	53.4

Order No.	MESC CODE	Triad	Size mm	Strands No. X mm	Insulation thickness mm	thickness Of lead mm	Approx.Dia Over Bedding mm	Armor Wire Dia. mm	Over sheath Thickness mm	Approx. Overall Dia.(mm).
L4017	0414-02T00100-WLBK8-05	2	1.0	7x0.43	0.6	1.2	20.1	1.6	1.7	27.5
L4018	0414-03T00100-WLBK8-05	3	1.0	7x0.43	0.6	1.2	20.1	1.6	1.7	27.5
L4019	0414-04T00100-WLBK8-05	4	1.0	7x0.43	0.6	1.3	22.2	1.6	1.9	30.0
L4020	0414-05T00100-WLBK8-05	5	1.0	7x0.43	0.6	1.3	23.9	1.6	1.9	31.7
L4021	0414-06T00100-WLBK8-05	6	1.0	7x0.43	0.6	1.3	26.1	1.6	1.9	33.9
L4022	0414-07T00100-WLBK8-05	7	1.0	7x0.43	0.6	1.5	27.4	2.0	2.1	36.4
L4023	0414-08T00100-WLBK8-05	8	1.0	7x0.43	0.6	1.5	28.8	2.0	2.1	37.8
L4024	0414-09T00100-WLBK8-05	9	1.0	7x0.43	0.6	1.5	30.2	2.0	2.1	39.2
L4025	0414-10T00100-WLBK8-05	10	1.0	7x0.43	0.6	1.5	31.6	2.0	2.1	40.6
L4026	0414-12T00100-WLBK8-05	12	1.0	7x0.43	0.6	1.6	34.5	2.0	2.2	43.7
L4027	0414-15T00100-WLBK8-05	15	1.0	7x0.43	0.6	1.7	38.7	2.5	2.4	49.3
L4028	0414-16T00100-WLBK8-05	16	1.0	7x0.43	0.6	1.7	39.6	2.5	2.4	50.2
L4029	0414-18T00100-WLBK8-05	18	1.0	7x0.43	0.6	1.7	41.2	2.5	2.4	51.8
L4030	0414-20T00100-WLBK8-05	20	1.0	7x0.43	0.6	1.7	42.8	2.5	2.4	53.4

**INSTRUMENTATION CABLE
MULTIPAIR INDIVIDUALLY & COLLECTIVELY SCREENED,
LEAD SHEATHED & ARMORED
XLPE / IS / OS / LC / SWA / PVC**

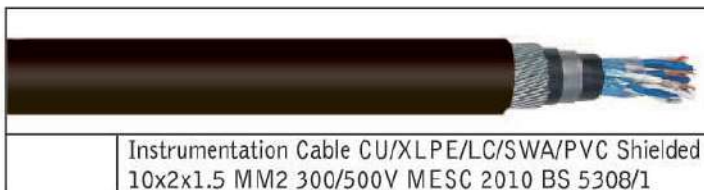
SPECIFICATION: BS: 5308/1, IEC-60502, IEC-60332

Order No.	MESC CODE	Pair	Size mm	Strands X No. X mm	Insulation thickness mm	thickness Of lead mm	Approx.Dia Over Bedding mm	Armor Wire Dia. mm	Over sheath Thickness mm	Approx. Overall Dia.(mm).
L4031	0414-02P00150-WLBK8-05	2	1.5	7x0.53	0.6	1.1	19.1	1.6	1.7	26.5
L4032	0414-03P00150-WLBK8-05	3	1.5	7x0.53	0.6	1.2	20.3	1.6	1.8	27.9
L4033	0414-04P00150-WLBK8-05	4	1.5	7x0.53	0.6	1.2	21.7	1.6	1.8	29.3
L4034	0414-05P00150-WLBK8-05	5	1.5	7x0.53	0.6	1.2	23.3	1.6	1.8	30.9
L4035	0414-06P00150-WLBK8-05	6	1.5	7x0.53	0.6	1.5	26.5	2.0	2.1	35.5
L4036	0414-07P00150-WLBK8-05	7	1.5	7x0.53	0.6	1.5	26.5	2.0	2.1	35.5
L4037	0414-08P00150-WLBK8-05	8	1.5	7x0.53	0.6	1.5	27.8	2.0	2.1	36.8
L4038	0414-09P00150-WLBK8-05	9	1.5	7x0.53	0.6	1.5	29.3	2.0	2.1	38.3
L4039	0414-10P00150-WLBK8-05	10	1.5	7x0.53	0.6	1.5	30.6	2.0	2.1	39.6
L4040	0414-12P00150-WLBK8-05	12	1.5	7x0.53	0.6	1.6	32.3	2.0	2.2	41.5
L4041	0414-15P00150-WLBK8-05	15	1.5	7x0.53	0.6	1.6	34.8	2.0	2.2	44.0
L4042	0414-16P00150-WLBK8-05	16	1.5	7x0.53	0.6	1.7	36.3	2.5	2.3	46.7
L4043	0414-18P00150-WLBK8-05	18	1.5	7x0.53	0.6	1.7	37.8	2.5	2.3	48.2
L4044	0414-20P00150-WLBK8-05	20	1.5	7x0.53	0.6	1.7	39.2	2.5	2.3	49.6
L4045	0414-25P00150-WLBK8-05	25	1.5	7x0.53	0.6	1.9	43.5	2.5	2.4	54.1

Order No.	MESC CODE	Triad	Size mm	Strands X No. X mm	Insulation thickness mm	thickness Of lead mm	Approx.Dia Over Bedding mm	Armor Wire Dia. mm	Over sheath Thickness mm	Approx. Overall Dia.(mm).
L4046	0414-02T00150-WLBK8-05	2	1.5	7x0.53	0.6	1.2	21.7	1.6	1.7	29.1
L4047	0414-03T00150-WLBK8-05	3	1.5	7x0.53	0.6	1.2	21.7	1.6	1.7	29.1
L4048	0414-04T00150-WLBK8-05	4	1.5	7x0.53	0.6	1.5	24.9	2.0	2.1	33.9
L4049	0414-05T00150-WLBK8-05	5	1.5	7x0.53	0.6	1.5	26.8	2.0	2.1	35.8
L4050	0414-06T00150-WLBK8-05	6	1.5	7x0.53	0.6	1.5	29.3	2.0	2.1	38.3
L4051	0414-07T00150-WLBK8-05	7	1.5	7x0.53	0.6	1.6	29.9	2.0	2.2	39.1
L4052	0414-08T00150-WLBK8-05	8	1.5	7x0.53	0.6	1.6	31.5	2.0	2.2	40.7
L4053	0414-09T00150-WLBK8-05	9	1.5	7x0.53	0.6	1.6	33.0	2.0	2.2	42.2
L4054	0414-10T00150-WLBK8-05	10	1.5	7x0.53	0.6	1.6	34.6	2.0	2.2	43.8
L4055	0414-12T00150-WLBK8-05	12	1.5	7x0.53	0.6	1.7	37.9	2.5	2.3	48.3
L4056	0414-15T00150-WLBK8-05	15	1.5	7x0.53	0.6	1.7	40.9	2.5	2.3	51.3

INSTRUMENTATION CABLE SINGLE & MULTIPAIR COLLECTIVELY SCREENED, LEAD SHEATHED & AROMORED XLPE / OS / LC / SWA / PVC

SPECIFICATION: BS: 5308/1, IEC-60502, IEC-60332



Construction

- **Conductor** : Stranded plain copper to Class 2 of BS 6360 / IEC 60228.
- **Insulation** : XLPE to IEC 60502
- **Pairs / Triples** : Two / Three insulated conductors are uniformly twisted to form a pair / triple with 6-8 twists per foot.
- **Color Code** : Blue / White for Pairs, Blue / White / Brown for Triples with each core numbered for multiple pair / triple identification.
- **Cabling** : Required numbers of pairs / triples are assembled with non-hygroscopic filler if necessary and the assembly is wrapped with a polyester binder tape.
- **Communication Pair** : 0.32 sq.mm, stranded, plain copper conductor insulated with 90°C PVC thickness 0.2mm colored Red & Green twisted pair. Communication pair is included in the cable for multiple pair / triple cables.
- **Collective Screen** : Aluminum backed Mylar tape is applied with an overlap of 25% with the metallic side down in contact with a drain wire of 0.5sq.mm run longitudinally over the binder tape.
- **Inner Sheath** : Extruded black PVC type 9 to BS 7655 / IEC 60502.
- **Lead Sheath** : An extruded sheath of lead alloy in accordance with BS EN 12548 (old BS 801) shall be applied over the inner sheath.
- **Bedding** : Extruded black PVC type 9 to BS 7655 / IEC 60502 is applied over the lead sheath.
- **Wire Armor** : A single layer of galvanized steel wire armour is applied spirally over the extruded PVC bedding.
- **Over Sheath** : Extruded black PVC type 9 to BS 7655 / IEC 60502 is applied over the galvanized steel wire armour. Flame retardant according to IEC 322-3 Cat. A and Cat C.
- **Printing on the Sheath** : Instrumentation cable CU / XLPE / LC / SWA / PVC / SHIELDED... X 2 X mm2 300/500 V MESC YEAR BS 5308/1.

INSTRUMENTATION CABLE SINGLE & MULTIPAIR COLLECTIVELY SCREENED, LEAD SHEATHED & ARMORED XLPE / OS / LC / SWA / PVC

SPECIFICATION: BS: 5308/1, IEC-60502, IEC-60332

Technical Data

- Temperature Range : 5°C to 50°C (During installation)
30°C to 90°C (During Operation)
- Voltage Rating : 300 / 500 Volts
- Conductor Resistance : Max. 12.3 /km at 20°C (1.5sq.mm)
Max. 18.5 /km at 20°C (1.0sq.mm)
- Mutual Capacitance (at 1 KHz) : Max. 120 nF/Km (1 and 2 pairs 1.5 sq.mm)
Max. 85 nF/Km (more than 2 pairs 1.5 sq.mm)
Max. 115 nF/Km (1 and 2 pairs 1.0 sq.mm)
Max. 75 nF/Km (more than 2 pairs 1.0 sq.mm)
- Capacitance Unbalanc (at 1 KHz) : Max. 250 pF/250Km
- L/R Ratio : Max. 25H/Ω (1.0 sq.mm)
Max. 40H/Ω (1.5 sq.mm)
- Insulation Resistance : Min. 5000 MΩ - Km at 20°C (500 V DC 1 minute)
- Voltage Test : 1000 V r.m.s. for 1 minute.

Order No.	MESC CODE	Pair	Size mm	Strands No. X mm	Insulation thickness mm	thickness Of lead mm	Approx. Dia Over Bedding mm	Armor Wire Dia. mm	Over sheath Thickness mm	Approx. Overall Dia.(mm).
L2001	0214-01P00100-WLBK8-05	1	1.0	7x0.43	0.6	1.1	12.0	0.9	1.4	17.4
L2002	0214-02P00100-WLBK8-05	2	1.0	7x0.43	0.6	1.1	16.4	1.25	1.5	22.7
L2003	0214-03P00100-WLBK8-05	3	1.0	7x0.43	0.6	1.1	18.2	1.6	1.7	25.6
L2004	0214-04P00100-WLBK8-05	4	1.0	7x0.43	0.6	1.1	19.4	1.6	1.7	26.8
L2005	0214-05P00100-WLBK8-05	5	1.0	7x0.43	0.6	1.1	20.8	1.6	1.7	28.2
L2006	0214-06P00100-WLBK8-05	6	1.0	7x0.43	0.6	1.2	22.4	1.6	1.8	30.0
L2007	0214-07P00100-WLBK8-05	7	1.0	7x0.43	0.6	1.2	22.4	1.6	1.8	30.0
L2008	0214-08P00100-WLBK8-05	8	1.0	7x0.43	0.6	1.2	23.4	1.6	1.8	31.0
L2009	0214-09P00100-WLBK8-05	9	1.0	7x0.43	0.6	1.2	24.8	1.6	1.8	32.4
L2010	0214-10P00100-WLBK8-05	10	1.0	7x0.43	0.6	1.2	25.9	1.6	1.8	33.5
L2011	0214-12P00100-WLBK8-05	12	1.0	7x0.43	0.6	1.3	27.2	1.6	1.9	35.0
L2012	0214-15P00100-WLBK8-05	15	1.0	7x0.43	0.6	1.3	29.4	2.0	1.9	38.0
L2013	0214-16P00100-WLBK8-05	16	1.0	7x0.43	0.6	1.4	31.3	2.0	2.0	40.1
L2014	0214-18P00100-WLBK8-05	18	1.0	7x0.43	0.6	1.4	32.5	2.0	2.0	41.3
L2015	0214-20P00100-WLBK8-05	20	1.0	7x0.43	0.6	1.4	33.7	2.0	2.0	42.5
L2016	0214-25P00100-WLBK8-05	25	1.0	7x0.43	0.6	1.5	36.7	2.5	2.1	46.7
L2017	0214-30P00100-WLBK8-05	30	1.0	7x0.43	0.6	1.5	39.2	2.5	2.1	49.2

Order No.	MESC CODE	Triad	Size mm	Strands No. X mm	Insulation thickness mm	thickness Of lead mm	Approx. Dia Over Bedding mm	Armor Wire Dia. mm	Over sheath Thickness mm	Approx. Overall Dia.(mm).
L2018	0214-01T00100-WLBK8-05	1	1.0	7x0.43	0.6	1.1	12.4	0.9	1.4	17.8
L2019	0214-02T00100-WLBK8-05	2	1.0	7x0.43	0.6	1.1	19.1	1.6	1.7	26.5
L2020	0214-03T00100-WLBK8-05	3	1.0	7x0.43	0.6	1.1	19.1	1.6	1.7	26.5
L2021	0214-04T00100-WLBK8-05	4	1.0	7x0.43	0.6	1.2	20.7	1.6	1.8	28.3
L2022	0214-05T00100-WLBK8-05	5	1.0	7x0.43	0.6	1.2	22.3	1.6	1.8	29.9
L2023	0214-06T00100-WLBK8-05	6	1.0	7x0.43	0.6	1.2	24.5	1.6	1.8	32.1
L2024	0214-07T00100-WLBK8-05	7	1.0	7x0.43	0.6	1.3	24.9	1.6	1.9	32.7
L2025	0214-08T00100-WLBK8-05	8	1.0	7x0.43	0.6	1.3	26.2	1.6	1.9	34.0
L2026	0214-09T00100-WLBK8-05	9	1.0	7x0.43	0.6	1.3	27.6	2.0	1.9	36.2
L2027	0214-10T00100-WLBK8-05	10	1.0	7x0.43	0.6	1.3	28.9	2.0	1.9	37.5
L2028	0214-12T00100-WLBK8-05	12	1.0	7x0.43	0.6	1.3	31.1	2.0	1.9	39.7
L2029	0214-15T00100-WLBK8-05	15	1.0	7x0.43	0.6	1.5	35.2	2.5	2.1	45.2
L2030	0214-16T00100-WLBK8-05	16	1.0	7x0.43	0.6	1.5	36.0	2.5	2.1	46.0
L2031	0214-18T00100-WLBK8-05	18	1.0	7x0.43	0.6	1.5	37.6	2.5	2.1	47.6
L2032	0214-20T00100-WLBK8-05	20	1.0	7x0.43	0.6	1.5	39.1	2.5	2.1	49.1



**INSTRUMENTATION CABLE
SINGLE & MULTIPAIR COLLECTIVELY SCREENED,
LEAD SHEATHED & ARMORED
XLPE / OS / LC / SWA / PVC**

SPECIFICATION: BS: 5308/1, IEC-60502, IEC-60332

Order No.	MESC CODE	Pair	Size mm	Strands No. X mm	Insulation thickness mm	thickness Of lead mm	Approx.Dia Over Bedding mm	Armor Wire Dia. mm	Over sheath Thickness mm	Approx. Overall Dia.(mm).
L2033	0214-01P00150-WLBK8-05	1	1.5	7x0.53	0.6	1.1	12.6	0.9	1.5	18.2
L2034	0214-02P00150-WLBK8-05	2	1.5	7x0.53	0.6	1.1	17.4	1.25	1.5	23.7
L2035	0214-03P00150-WLBK8-05	3	1.5	7x0.53	0.6	1.2	19.6	1.6	1.7	27.0
L2036	0214-04P00150-WLBK8-05	4	1.5	7x0.53	0.6	1.2	20.9	1.6	1.7	28.3
L2037	0214-05P00150-WLBK8-05	5	1.5	7x0.53	0.6	1.2	22.4	1.6	1.7	29.8
L2038	0214-06P00150-WLBK8-05	6	1.5	7x0.53	0.6	1.3	24.3	1.6	1.9	32.1
L2039	0214-07P00150-WLBK8-05	7	1.5	7x0.53	0.6	1.3	24.3	1.6	1.9	32.1
L2040	0214-08P00150-WLBK8-05	8	1.5	7x0.53	0.6	1.3	25.5	1.6	1.9	33.8
L2041	0214-09P00150-WLBK8-05	9	1.5	7x0.53	0.6	1.3	27.0	1.6	1.9	34.8
L2042	0214-10P00150-WLBK8-05	10	1.5	7x0.53	0.6	1.3	28.2	1.6	1.9	36.0
L2043	0214-12P00150-WLBK8-05	12	1.5	7x0.53	0.6	1.4	30.5	2.0	2.0	39.3
L2044	0214-15P00150-WLBK8-05	15	1.5	7x0.53	0.6	1.4	32.9	2.0	2.0	41.7
L2045	0214-16P00150-WLBK8-05	16	1.5	7x0.53	0.6	1.5	33.8	2.0	2.1	42.8
L2046	0214-18P00150-WLBK8-05	18	1.5	7x0.53	0.6	1.5	35.2	2.0	2.1	44.2
L2047	0214-20P00150-WLBK8-05	20	1.5	7x0.53	0.6	1.5	36.6	2.0	2.1	45.6
L2048	0214-25P00150-WLBK8-05	25	1.5	7x0.53	0.6	1.7	41.0	2.5	2.3	51.4
L2049	0214-30P00150-WLBK8-05	30	1.5	7x0.53	0.6	1.7	43.8	2.5	2.3	54.2

Order No.	MESC CODE	Triad	Size mm	Strands No. X mm	Insulation thickness mm	thickness Of lead mm	Approx.Dia Over Bedding mm	Armor Wire Dia. mm	Over sheath Thickness mm	Approx. Overall Dia.(mm).
L2050	0214-01T00150-WLBK8-05	1	1.5	7x0.53	0.6	1.1	13.4	1.25	1.5	19.7
L2051	0214-02T00150-WLBK8-05	2	1.5	7x0.53	0.6	1.2	20.6	1.6	1.7	28.0
L2052	0214-03T00150-WLBK8-05	3	1.5	7x0.53	0.6	1.2	20.6	1.6	1.7	28.0
L2053	0214-04T00150-WLBK8-05	4	1.5	7x0.53	0.6	1.3	22.5	1.6	1.9	30.3
L2054	0214-05T00150-WLBK8-05	5	1.5	7x0.53	0.6	1.3	24.3	1.6	1.9	32.1
L2055	0214-06T00150-WLBK8-05	6	1.5	7x0.53	0.6	1.3	26.7	1.6	1.9	34.5
L2056	0214-07T00150-WLBK8-05	7	1.5	7x0.53	0.6	1.3	26.7	1.6	1.9	34.5
L2057	0214-08T00150-WLBK8-05	8	1.5	7x0.53	0.6	1.4	29.4	2.0	2.0	38.2
L2058	0214-09T00150-WLBK8-05	9	1.5	7x0.53	0.6	1.4	30.9	2.0	2.0	39.7
L2059	0214-10T00150-WLBK8-05	10	1.5	7x0.53	0.6	1.4	32.4	2.0	2.0	41.2
L2060	0214-12T00150-WLBK8-05	12	1.5	7x0.53	0.6	1.4	34.8	2.0	2.0	43.6
L2061	0214-15T00150-WLBK8-05	15	1.5	7x0.53	0.6	1.7	39.3	2.5	2.3	49.7
L2062	0214-16T00150-WLBK8-05	16	1.5	7x0.53	0.6	1.7	40.2	2.5	2.3	50.6
L2063	0214-18T00150-WLBK8-05	18	1.5	7x0.53	0.6	1.7	42.0	2.5	2.3	52.4
L2064	0214-20T00150-WLBK8-05	20	1.5	7x0.53	0.6	1.7	43.6	2.5	2.3	54.0

CONTROL CABLES 0.6 / 1.0 KV. XLPE INSULATED, LEAD SHEATHED, WIRE ARMoured

Specification: EEMUA - 133



Application : Can be used outdoors for direct burial applications in areas that may be contaminated by petroleum based contents / hydrocarbons.

Construction

- **Conductor** : Annealed plain copper conductors stranded as per class 2 of BS 6360.
- **Insulation** : Solid extruded XLPE as per BS 7655 / IEC 60502.
- **Core Colours** : 2 Core : Red & Black.
3 Core & above : White cores with black number printing.
- **Lead Sheath** : Extruded lead sheath over the polyester taped assembly as per EEMUA 133.
- **Bedding** : Extruded black PVC as per BS 5467.
- **Steel Wire Armour** : Galvanized Steel wire as per BS 5467.
- **Outer Sheath** : Extruded PVC Type 9 as per BS 7655, passes flame retardance test as per IEC-60333 Cat C.

Technical Data :

- **Conductor resistance** : As per class 2 of IEC-60228 / BS 6360.
- **Working Voltage** : 600 / 1000 Volts.
- **Test Voltage** : 3.5 kV. RMS or 8.4 kV. DC for 5 minutes.
- **Temperature** : -25°C to +90°C.
- **Bending Radius** : 12 X Cable Ø.
- **Maximum short circuit temperature** : 250°C (5 Seconds Max.).
- **Embossing Legend/Example** : Electric cable XX X 2.5 600/1000 V AUX MESC YEAR BS 5467,EEMUA 133.

EEMUA= The Engineering Equipment and Materials Users Association.



CONTROL CABLES 0.6 / 1.0 KV. XLPE INSULATED, LEAD SHEATHED, WIRE ARMoured

Specification: EEMUA - 133

Order No.	MESC CODE	CORES X SIZE	INSULATION THICKNESS	THICKNESS LEAD SHEATH	DIAMETER OVER LEAD	THICKNESS OF BEDDING	DIA UNDER ARMOR	ARMOR WIRE DIA	DIA OVER ARMOR	SHEATH THICKNESS	APPROX. O.D.	APPROX. WEIGHT
		No.X Sq.mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	kg/km
L7001	7614-02C00250-WLBK8-00	2X2.5	0.7	1.1	9.7	0.8	12.1	0.9	13.9	1.4	17.5	780
L7002	7614-03C00250-WLBK8-00	3X2.5	0.7	1.1	10.3	0.8	12.7	0.9	14.5	1.4	18.1	850
L7003	7614-04C00250-WLBK8-00	4X2.5	0.7	1.1	11.2	0.8	13.6	0.9	15.4	1.4	19.0	940
L7004	7614-05C00250-WLBK8-00	5X2.5	0.7	1.1	12.2	0.8	14.6	0.9	16.4	1.4	20.0	1040
L7005	7614-06C00250-WLBK8-00	6X2.5	0.7	1.1	13.3	0.8	15.7	0.9	17.5	1.4	21.1	1140
L7006	7614-07C00250-WLBK8-00	7X2.5	0.7	1.1	13.3	0.8	15.7	0.9	17.5	1.4	21.1	1160
L7007	7614-08C00250-WLBK8-00	8X2.5	0.7	1.1	14.9	0.8	17.3	1.25	19.8	1.6	23.8	1450
L7008	7614-09C00250-WLBK8-00	9X2.5	0.7	1.1	16.2	0.8	18.6	1.25	21.1	1.6	25.1	1570
L7009	7614-10C00250-WLBK8-00	10X2.5	0.7	1.1	16.9	0.8	19.3	1.25	21.8	1.6	25.8	1650
L7010	7614-12C00250-WLBK8-00	12X2.5	0.7	1.1	17.5	0.8	19.9	1.25	22.4	1.6	26.4	1760
L7011	7614-14C00250-WLBK8-00	14X2.5	0.7	1.2	18.6	1.0	21.4	1.25	24.6	1.6	28.8	2160
L7012	7614-16C00250-WLBK8-00	16X2.5	0.7	1.2	19.6	1.0	22.4	1.6	25.6	1.7	29.8	2310
L7013	7614-19C00250-WLBK8-00	19X2.5	0.7	1.2	20.7	1.0	23.5	1.6	26.7	1.7	30.9	2490
L7014	7614-24C00250-WLBK8-00	24X2.5	0.7	1.3	24.6	1.0	27.4	1.6	30.6	1.8	35.0	3070
L7015	7614-27C00250-WLBK8-00	27X2.5	0.7	1.4	25.4	1.0	28.2	1.6	31.4	1.8	35.8	3310
L7016	7614-30C00250-WLBK8-00	30X2.5	0.7	1.4	26.3	1.0	29.1	1.6	32.3	1.8	36.7	3480
L7017	7614-37C00250-WLBK8-00	37X2.5	0.7	1.4	28.4	1.0	31.2	1.6	34.4	1.8	38.8	3890
L7018	7614-48C00250-WLBK8-00	48X2.5	0.7	1.6	33.0	1.2	36.2	2.0	40.2	2.0	45.0	5240