XLPE/SWA/PVC

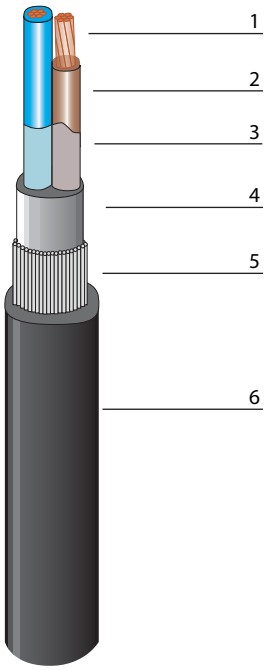
2-CORE

BS 5467

600/1000 V

XLPE insulated steel wire armoured and PVC sheathed cable with copper conductors.

0 - 60 C	Good	Good	Accidental	BS 4066 Part: 1, IEC 332-1	Rigid	Good



DESIGN

1. Conductor
Stranded copper complying with BS 6360, class 2.
1,5-16 mm ^{2} circular stranded.
25-400 mm ^{2} shaped stranded.

2. Insulation
Extruded XLPE complying with BS 7655: section 1.3, type GP8.

3. Core Identification
Brown, blue

4. Lay-up
The cores are laid up in a right hand direction and tape bedded.

5. Armour
A single layer of galvanized steel wires is laid in a left hand direction.

6. Sheath
Black PVC complying with BS 7655: Section 4.2, type 9.

CURRENT RATINGS

The current ratings are thoroughly presented in ERA 69-30 part V: CURRENT RATING STANDARD FOR DISTRIBUTION CABLES.

STANDARDS

The cable is manufactured and tested according to BS 5467.

QUALITY SYSTEM

Designed, manufactured and tested in accordance with ISO9001.

XLPE/SWA/PVC

2-CORE

BS 5467

600/1000 V

XLPE insulated steel wire armoured and PVC sheathed cable with copper conductors.

Technical Data

Cross section	Conductor diameter,	Thickness of insulation,	Thickness of sheath,	Thickness of bedding,	Outer diameter (D),	Steel wire diameter	Weight of cable,	Conductor resistance at 20 C,	Armour resistance at 20 C,	Bending radius, min... at installation
mm ^{2}	nom mm	nom mm	nom mm	nom mm	nom mm	nom mm	kg/km	max ohm/km	max ohm/km	mm
2x1.5	1.55	0.6	1.3	0.8	11	0.9	323	10.2	10.2	6xD
2x2.5	2.0	0.7	1.4	0.8	12.5	0.9	368	7.41	8.8	6xD
2x4	2.5	0.7	1.4	0.8	13.5	0.9	448	4.61	7.9	6xD
2x6	3.0	0.7	1.4	0.8	15	0.9	533	3.08	7.0	6xD
2x10	3.9	0.7	1.5	0.8	17	0.9	653	1.83	6.0	6xD
2x16	4.8	0.7	1.5	0.8	18.5	1.25	980	1.15	3.7	6xD
2x25	-	0.9	1.6	0.8	19	1.25	1055	0.727	3.7	8xD
2x35	-	0.9	1.7	0.8	22	1.6	1419	0.524	2.6	8xD
2x50	-	1.0	1.8	0.8	25	1.6	1755	0.387	2.3	8xD
2x70	-	1.1	1.9	0.8	28	1.6	2277	0.268	2.0	8xD
2x95	-	1.1	2.0	0.8	31	2.0	3128	0.193	1.4	8xD
2x120	-	1.2	2.1	0.8	35	2.0	3750	0.153	1.3	8xD
2x150	-	1.4	2.2	0.8	38	2.0	4400	0.124	1.2	8xD
2x185	-	1.6	2.4	0.8	44	2.5	5700	0.0991	0.82	8xD
2x240	-	1.7	2.5	0.8	48	2.5	7050	0.0754	0.73	8xD
2x300	-	1.8	2.6	0.8	52	2.5	8400	0.0601	0.67	8xD
2x400	-	2.0	2.8	0.8	57	2.5	10600	0.0470	0.59	8xD

Range of temperature: Installation, minimum 0 C
Normal operating, maximum 90 C
Short circuits, maximum 250 C

XLPE/SWA/PVC

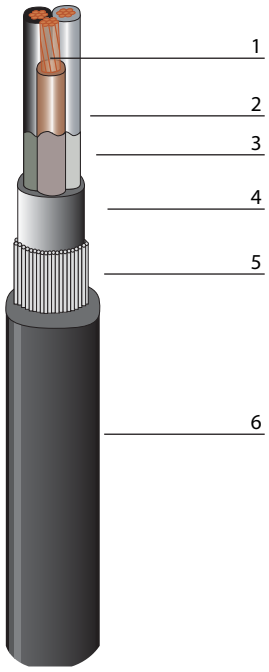
3-CORE

BS 5467

600/1000 V

XLPE insulated steel wire armoured and PVC sheathed cable with copper conductors.

0 - 60 C	Good	Good	Accidental	BS 4066 Part : 1, IEC 332-1	Rigid	Good



DESIGN

1. Conductor
Stranded copper complying with BS 6360, class 2.
1,5-16 mm ^{2} circular stranded.
25-400 mm ^{2} shaped stranded.

2. Insulation
Extruded XLPE complying with BS 7655 : section 1.3, type GP8.

3. Core identification
Brown, black, grey

4. Lay-up and bedding
The cores are laid up in a right hand direction and tape bedded.

5. Armour
A single layer of galvanised steel wires is laid in a left hand direction.

6. Sheath
Black PVC complying with BS 7655: Section 4.2, type 9.

CURRENT RATINGS

The current ratings are thoroughly presented in ERA 69-30 part V: CURRENT RATING STANDARD FOR DISTRIBUTION CABLES.

STANDARDS

The cable is manufactured and tested according to BS 5467.

QUALITY SYSTEM

Designed, manufactured and tested in accordance with ISO 9001.

XLPE/SWA/PVC

3-CORE

BS 5467

600/1000 V

XLPE insulated steel wire armoured and PVC sheathed cable with copper conductors.

TECHNICAL DATA

Cross section	Conductor diameter, nom	Thickness of insulation, nom	Thickness of sheath, nom	Thickness of bedding, nom	Outer diameter (D), nom	Steel wire diameter nom	W eight of cable, nom	Conductor resistance at 20 C, max	Armour resistance at 20 C, max	Bending radius, min… at installation
mm ^{2}	mm	mm	mm	mm	mm	mm	kg/km	ohm/km	ohm/km	mm
3x1.5	1.55	0.6	1.3	0.8	11.5	0.9	320	12.1	9.5	6xD
3x2.5	2.0	0.7	1.4	0.8	13	0.9	370	7.41	8.2	6xD
3x4	2.5	0.7	1.4	0.8	14	0.9	445	4.61	7.5	6xD
3x6	3.0	0.7	1.4	0.8	16	0.9	540	3.08	6.7	6xD
3x10	3.9	0.7	1.5	0.8	19	1.25	815	1.83	4.0	6xD
3x16	4.8	0.7	1.6	0.8	21	1.25	1080	1.15	3.5	6xD
3x25	-	0.9	1.7	0.8	23	1.6	1680	0.727	2.5	8xD
3x35	-	0.9	1.8	0.8	25	1.6	2050	0.524	2.3	8xD
3x50	-	1.0	1.8	0.8	27	1.6	2500	0.387	2.0	8xD
3x70	-	1.1	1.9	0.8	31	1.6	3250	0.268	1.8	8xD
3x95	-	1.1	2.1	0.8	35	2.0	4500	0.193	1.3	8xD
3x120	-	1.2	2.2	0.8	39	2.0	5200	0.153	1.2	8xD
3x150	-	1.4	2.3	0.8	44	2.5	6650	0.124	0.78	8xD
3x185	-	1.6	2.4	0.8	47	2.5	7900	0.0991	0.71	8xD
3x240	-	1.7	2.6	0.8	53	2.5	9900	0.0754	0.63	8xD
3x300	-	1.8	2.7	0.8	58	2.5	12000	0.0601	0.58	8xD
3x400	-	2.0	2.9	0.8	65	2.5	15000	0.0470	0.52	8xD

Range of temperature : Installation, minimum 0 C
Normal operating, maximum 90 C
Short circuits, maximum 250 C

XLPE/SWA/PVC

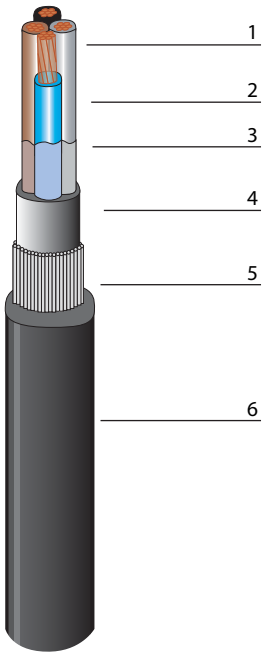
4-CORE

BS 5467

600/1000 V

XLPE insulated steel wire armoured and PVC sheathed cable with copper conductors.

0 - 60 C	Good	Good	Accidental	BS 4066 Part: 1, IEC 332-1	Rigid	Good



DESIGN

1. Conductor

Stranded copper complying with BS 6360, class 2.
1,5-16 mm ^{2} circular stranded.
25-400 mm ^{2} shaped stranded.

2. Insulation

Extruded XLPE complying with BS 7655: section 1.3, type GP8.

3. Core identification

Brown, black, grey, blue

4. Lay-up and bedding

The cores are laid up in a right hand direction and tape bedded.

5. Armour

A single layer of galvanised steel wires is laid in a left hand direction.

6. Sheath

Black PVC complying with BS 7655: Section 4.2, type 9.

CURRENT RATINGS

The current ratings are thoroughly presented in ERA 69-30 part V: CURRENT RATING STANDARD FOR DISTRIBUTION CABLES.

STANDARDS

The cable is manufactured and tested according to BS 5467.

QUALITY SYSTEM

Designed, manufactured and tested in accordance with ISO 9001.

XLPE/SWA/PVC

4-CORE

BS 5467

600/1000 V

XLPE insulated steel wire armoured and PVC sheathed cable with copper conductors.

TECHNICAL DATA

Cross section	Conductor diameter,	Thickness			Outer diameter	Steel wire diameter	W eight of cable,	Conductor resistance	Armour resistance	Bending radius,
	nom	of insulation, nom	of sheath, nom	of bedding, nom	(D), nom	nom	nom	at 20 C, max	at 20 C, max	min... at installation
mm ^{2}	mm	mm	mm	mm	mm	mm	kg/km	ohm/km	ohm/km	mm
4x1.5	1.55	0.6	1.3	0.8	12	0.9	350	12.1	8.8	6xD
4x2.5	2.0	0.7	1.4	0.8	14	0.9	410	7.41	7.7	6xD
4x4	2.5	0.7	1.4	0.8	15	0.9	515	4.61	6.8	6xD
4x6	3.0	0.7	1.5	0.8	18	1.25	730	3.08	4.3	6xD
4x10	3.9	0.7	1.5	0.8	20.5	1.25	970	1.83	3.7	6xD
4x16	4.8	0.7	1.6	0.8	23	1.25	1290	1.15	3.1	6xD
4x25	-	0.9	1.7	0.8	25	1.6	1990	0.727	2.3	8xD
4x35	-	0.9	1.8	0.8	27	1.6	2500	0.524	2.0	8xD
4x50	-	1.0	1.9	0.8	30	1.6	3100	0.387	1.8	8xD
4x70	-	1.1	2.1	0.8	35	2.0	4350	0.268	1.2	8xD
4x95	-	1.1	2.2	0.8	40	2.0	5500	0.193	1.1	8xD
4x120	-	1.2	2.3	0.8	44	2.5	7000	0.153	0.76	8xD
4x150	-	1.4	2.4	0.8	48	2.5	8350	0.124	0.68	8xD
4x185	-	1.6	2.6	0.8	52	2.5	10200	0.0991	0.61	8xD
4x240	-	1.7	2.7	0.8	59	2.5	12800	0.0754	0.54	8xD
4x300	-	1.8	2.9	0.8	64	2.5	15500	0.0601	0.49	8xD
4x400	-	2.0	3.2	0.8	73	3.15	20300	0.0470	0.35	8xD

Range of temperature Installation, minimum 0 C
Normal operating, maximum 90 C
Short circuits, maximum 250 C