








# XLPE/SWA/PVC

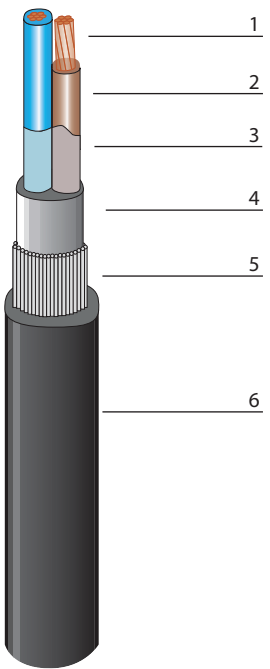
2-CORE

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<sup>2</sup> circular stranded.  
25-400 mm<sup>2</sup> 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 mm <sup>2</sup>	Conductor diameter , nom mm	Thickness			Outer diameter (D), nom mm	Steel wire diameter nom mm	Weight of cable, nom kg/km	Conductor resistance at 20 C, max ohm/km	Armour resistance at 20 C, max ohm/km	Bending radius, min... at installation mm
		of insulation, nom mm	of sheath, nom mm	of bedding, nom 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<sup>2</sup> circular stranded.  
25-400 mm<sup>2</sup> 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 mm <sup>2</sup>	Conductor diameter , nom mm	Thickness			Outer diameter (D), nom mm	Steel wire diameter nom mm	Weight of cable, nom kg/km	Conductor resistance at 20 C, max ohm/km	Armour resistance at 20 C, max ohm/km	Bending radius, min... at installation mm
		of insulation, nom mm	of sheath, nom mm	of bedding, nom 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

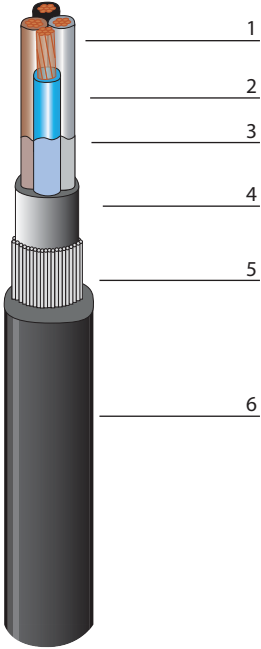
4-CORE

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<sup>2</sup> circular stranded.  
25-400 mm<sup>2</sup> 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 mm <sup>2</sup>	Conductor diameter , nom mm	Thickness of insulation, nom mm	Thickness of sheath, nom mm	Thickness of bedding, nom mm	Outer diameter (D), nom mm	Steel wire diameter nom mm	Weight of cable, nom kg/km	Conductor resistance at 20 C, max ohm/km	Armour resistance at 20 C, max ohm/km	Bending radius, min... at installation 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








# XLPE/SWA/PVC

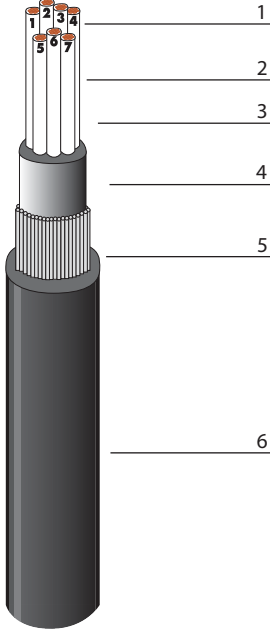
## AUXILIARY CABLES

BS 5467

600/1000 V

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

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

	<p><b>DESIGN</b></p> <p><b>1. Conductor</b> Stranded copper complying with BS 6360, class 2. 1,5-4 mm<sup>2</sup> circular compacted stranded.</p> <p><b>2. Insulation</b> Extruded white XLPE complying with BS 7655: Section 1.3, type GP8.</p> <p><b>3. Core identification</b> White with black printed number on the cores.</p> <p><b>4. Lay-up and bedding</b> The cores are laid up in concentric layers and covered with an extruded layer of polymeric compound having a tensile strength of not less than 4N/mm<sup>2</sup> and an elongation at break not less than 50 %.</p> <p><b>5. Armour</b> A single layer of galvanised steel wires is laid in a left hand direction.</p> <p><b>6. Sheath</b> Black PVC complying with BS 7655: Section 4.2, type 9.</p>
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### CURRENT RATINGS

The cable can be loaded according to IEC 287: CALCULATION OF THE CONTINUOUS CURRENT RATING OF CABLES (100 % LOAD FACTOR)

### 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

## AUXILIARY CABLES

BS 5467

600/1000 V

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

### TECHNICAL DATA

Cross section mm <sup>2</sup>	Conductor diameter , nom mm	Thickness			Outer diameter (D), nom mm	Steel wire diameter nom mm	Weight of cable, nom kg/km	Conductor resistance at 20 C, max ohm/km	Armour resistance at 20 C, max ohm/km	Bending radius, min ... at installation mm
		of insulation, nom mm	of sheath, nom mm	of bedding, nom mm						
7x1.5	1.55	0.6	1.4	0.8	15	0.9	440	12.1	7.5	6xD
12x1.5	1.55	0.6	1.5	0.8	20	1.25	750	12.1	4.0	6xD
19x1.5	1.55	0.6	1.6	0.8	22	1.25	980	12.1	3.5	6xD
27x1.5	1.55	0.6	1.7	1.0	27	1.6	1430	12.1	2.3	6xD
37x1.5	1.55	0.6	1.7	1.0	30	1.6	1730	12.1	2.0	6xD
48x1.5	1.55	0.6	1.8	1.0	33	1.6	2900	12.1	1.8	6xD
7x2.5	2.0	0.7	1.4	0.8	16	0.9	550	7.41	6.3	6xD
12x2.5	2.0	0.7	1.6	0.8	22	1.25	935	7.41	3.5	6xD
19x2.5	2.0	0.7	1.7	1.0	26	1.6	1420	7.41	2.3	6xD
27x2.5	2.0	0.7	1.8	1.0	30	1.6	1830	7.41	1.9	6xD
37x2.5	2.0	0.7	1.8	1.0	33	1.6	2220	7.41	1.7	6xD
48x2.5	2.0	0.7	2.0	1.2	39	2.0	3000	7.41	1.2	6xD
7x4	2.5	0.7	1.5	0.8	20	1.25	890	4.61	4.0	6xD
12x4	2.5	0.7	1.6	1.0	26	1.6	1530	4.61	2.3	6xD
19x4	2.5	0.7	1.7	1.0	29	1.7	2000	4.61	2.0	6xD
27x4	2.5	0.7	1.9	1.0	34	1.6	2600	4.61	1.7	6xD
37x4	2.5	0.7	2.0	1.2	39	2.0	3600	4.61	1.2	6xD
48x4	2.5	0.7	2.1	1.2	44	2.0	4400	4.61	1.0	6xD

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