

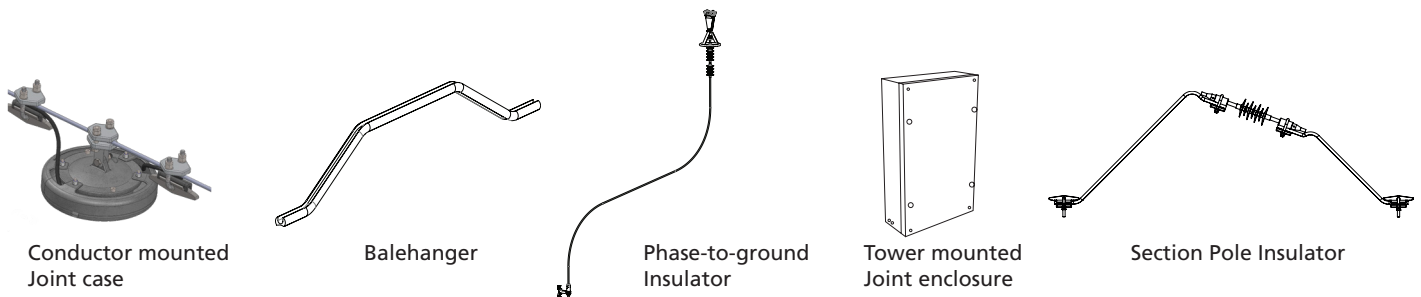
# SKYWRAP® PHASE WIRE HARDWARE

A full range of hardware is available for fixing the SkyWrap cable to phase wire tower arrangements. The cable is passed around and kept away from conductor fittings using a specially designed bypass accessory known as 'balehanger'. SkyWrap cable is passed down the tower to joint enclosures or termination joints via a specially design system called Phase-to-Ground. This system provides electrical isolation and mechanical support to transition the SkyWrap cable from phase conductor to a tower mounted enclosure. Conductor mounted enclosures or 'donuts' are also available for SkyWrap cable, this enclosure is held at the same electric potential as the conductor keeping the joint protected by the Faraday Effect. Hardware fittings are available for tension and suspension tower designs using lattice towers, wood, steel or concrete poles.

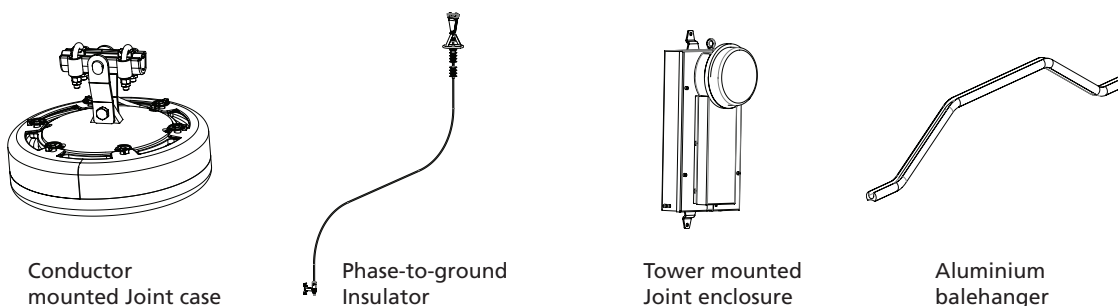
## FEATURES

- Robust weather-proof track resistant designs to suit environmental and polluted conditions
- Available for up to 288 fibres
- Tower mounted enclosure boxes are 830 x 380 x 260 mm and are made to BS EN 50411-3 standard
- Meets IEEE standard 1591.3
- Phase-to-Ground complies with IEC 60 and IEC 1109 standards
- Donut complies with IEC 60060-1, IEC 61109, IEC 60437, BS 5049 part 2-994, CISPR18-2 standards
- Joint enclosures made to BS EN 50411-3 standard
- Suitable for up to 300 kV system voltage

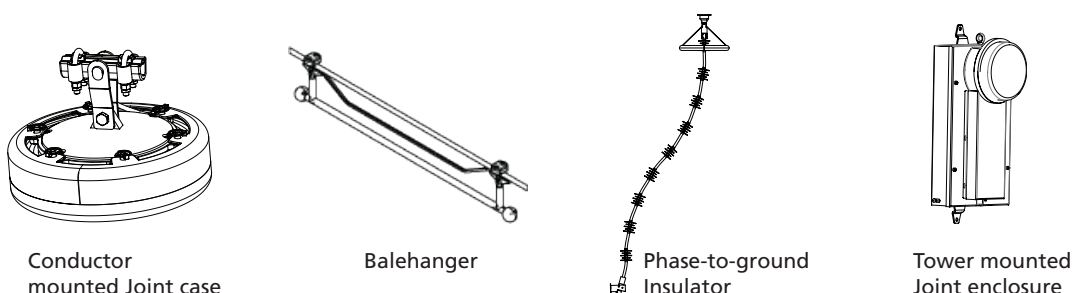
## KEY ACCESSWRAP COMPONENTS FOR SYSTEM VOLTAGES UP TO 50KV



## KEY COMPONENTS FOR SYSTEM VOLTAGES UP TO 150KV

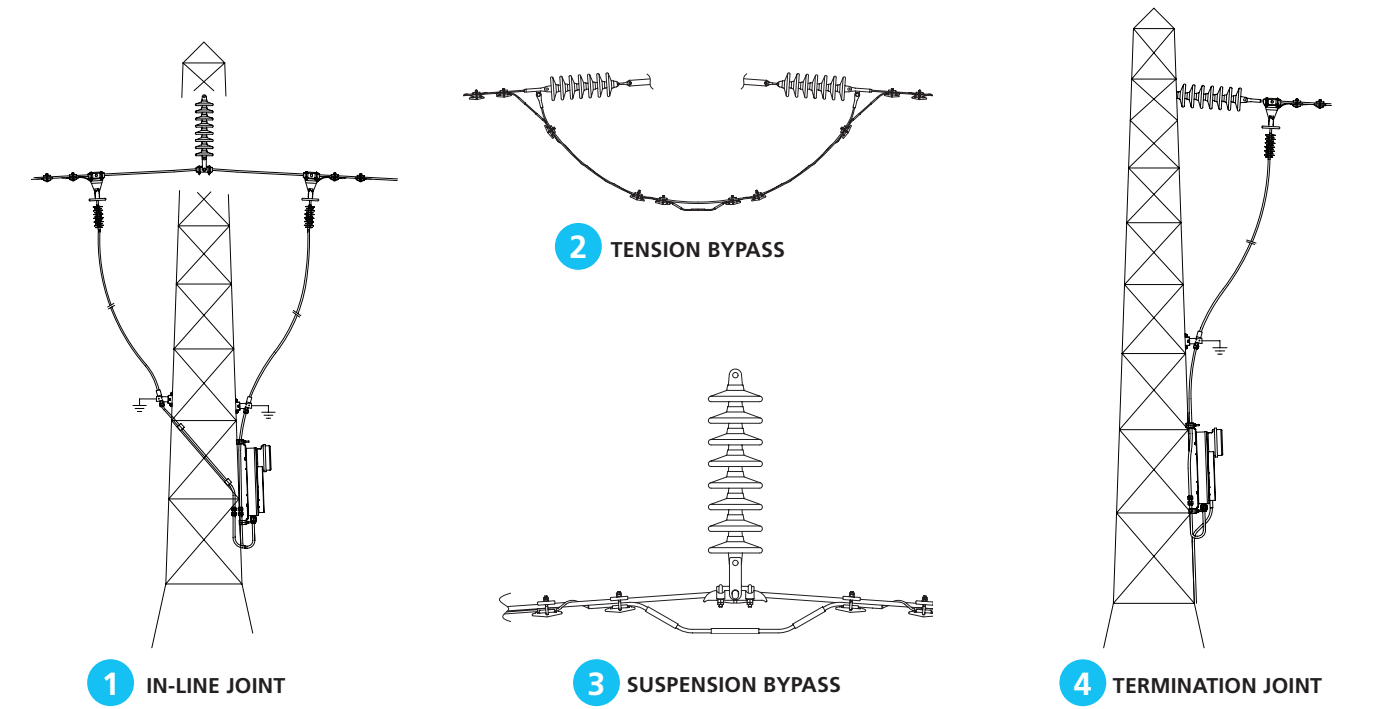


## KEY COMPONENTS FOR SYSTEM VOLTAGES UP TO 300KV



# SKYWRAP PHASE WIRE HARDWARE

## TYPICAL TOWER ARRANGEMENTS



## ORDERING INFORMATION

ARRANGEMENT		TOWER HEIGHT metres				STRUCTURE TYPE					CONDUCTOR SIZE mm				Double Wrap	FIBRE COUNT
	System kV	< 25	< 35	< 60		Lattice Tower	Steel/Concrete Pole	Wood Pole	Tension	Suspension	9-22	20-31	30-43	42-60		12-144
1 In-line Joint	50	TCD	L	M	H	-	1016	1016	-	-	A	B	C	-	D	nnF
	150	TCD	L	M	H	912	916	920	-	-	A	B	C	-	D	nnF
	300	TCD	-	-	-	301	-	-	-	-		B	C	D	D	nnF
2 Tension bypass	50	TCD	-	-	-	-	1010	1010	-	-	A	B	C	-	D	-
	150	TCD	-	-	-	927	927	927	-	-	A	B	C	-	D	-
	300	TCD	-	-	-	308	-	-	-	-		B	C	D	D	nnF
3 Suspension bypass	50	TCD	-	-	-	-	1009	1009	-	-	A	B	C	-	D	-
	150	TCD	-	-	-	926	926	926	-	-	A	B	C	-	D	-
	300	TCD	-	-	-	303	-	-	-	-		B	C	D	D	nnF
4 Termination joint	50	TCD	L	M	H	-	1017	1017	-	-	A	B	C	-	D	nnF
	150	TCD	L	M	H	913	917	921	-	-	A	B	C	-	D	nnF
	300	TCD	-	-	-	302	-	-	-	-		B	C	D	D	nnF
Conductor mounted joint	50	TCD	-	-	-	-	1025	1025	-	-	A	B	C	-	D	-
	150	TCD	L	M	H	-	-	-	924	925	A	B	C	-	D	nnF
	300	TCD	-	-	-	306	-	-	-	-		B	C	D	D	nnF

Example: TCD-L916BD48F or TCD-927A