

Bi-metal Stalk Connector

1. Bi-metal Lugs are made from the highest quality aluminium and copper joined using a friction welding process.

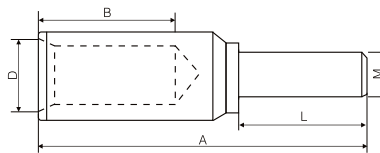
Technical Data

Conductive Material

- Aluminium: 99.6% pure
- Copper: 99.9% pure
- Tensile Strength: 110MPa
- Ductile Rating: 28%
- Joining Method: Friction Welding (IEC std)
- Operating Temperature: -40°C to 100°C
- Conformant Standards: IEC (Fra.); DIN/DE (Ger.)

Electrical Properties

- Resistivity** Aluminium: 2.6 micro-ohm cm (max)
Copper: 1.738 micro-ohm cm
- Conductivity** Aluminium: 61.8% IACS (min)
Copper: 99.7% ACS



Part No.	Conductor (mm)	Conductor Dia. Al/CU	Dimensions (mm)				
			A	B	D	L	M
DSL6/12	6	7/1.04	48	32	2.4	18	12
DSL10/12	10	7/1.35	48	32	4.5	18	12
DSL16/12	16	7/1.70	58	32	5.5	20	12
DSL25/12	25	19/1.35	58	32	7.5	20	12
DSL35/12	35	19/1.53	71	32	8.5	22	12
DSL50/12	50	19/1.78	74	32	9.5	25	12
DSL70/12	70	19/2.14	74	32	11.5	30	12
DSL95/12	95	37/1.78	87	60	13.5	33	12
DSL120/12	120	37/2.03	91	60	15.5	38	12
DSL120/14	120	37/2.03	91	60	15.5	38	14
DSL150/12	150	37/2.25	108	60	16.5	38	12
DSL150/14	150	37/2.25	108	60	16.5	38	14
DSL185/16	185	37/2.52	118	60	18.5	40	16
DSL185/18	185	37/2.52	118	60	18.5	40	18
DSL240/16	240	61/2.25	128	60	22.0	42	16
DSL240/18	240	61/2.25	128	60	22.0	42	18
DSL300/16	300	61/2.52	138	60	23.5	42	16
DSL300/18	300	61/2.52	138	60	23.5	42	18
DSL400/18	400	61/2.85	148	70	26.5	55	18
DSL400/20	400	61/2.85	148	70	26.5	55	20
DSL500/18	500	61/3.20	148	70	30.0	65	18
DSL500/20	500	61/3.20	148	70	30.0	65	20
DSL630/20	630	127/2.52	158	70	34.0	65	20