



COPPER CABLE REDUCER

Cable Reducer

Efficient lighting solutions and accessories designed as per space requirements



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www.hazbrite.com



ABOUT US

- Trusted provider of high-performance accessories engineered for the most demanding industrial environments.
 - Supporting clients across industries like oil & gas, mining, manufacturing, and marine sectors. Committed to excellence, reliability, and adherence to the highest safety standards.
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WHY CHOOSE HAZBRITE

⇒ SAFETY YOU CAN COUNT ON :

- Thoroughly tested by experts to meet stringent safety requirements.
- Compliant with industry-leading certifications and protocols.
- Built to deliver long-lasting performance in demanding condition.

⇒ FAST AND RELIABLE DELIVERY OF PRODUCTS :

- Majority of orders fulfilled on time delivery.
- Immediate availability of products for urgent needs.
- Real-time tracking for complete visibility and control.

⇒ EXPERTISE DRIVEN SERVICES :

- Dedicated support team with deep industry knowledge.
- Customized lighting solutions tailored to your project's need.
- Comprehensive after-sales support and maintenance.

⇒ ECO - CONSCIOUS SOLUTIONS ;

- High-efficiency lighting that cuts energy usage.
 - Environmentally responsible design and packaging.
 - Sustainable products that reduce waste and operational costs.
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**SETTING THE STANDARD IN SAFETY-ORIENTED
ACCESSORIES FOR CRITICAL, HAZARDOUS & SAFE
OPERATIONS ALIKE.**

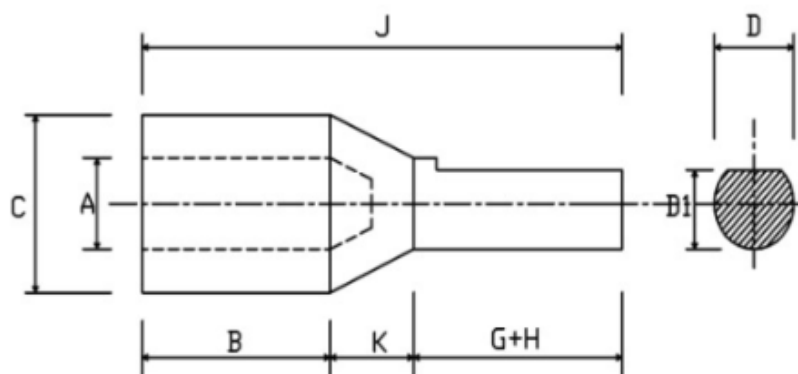
DESCRIPTION

The HBSR Copper reducers are essential components designed to facilitate smooth transitions between different sizes of copper pipes or tubing in various plumbing and electrical applications. These fittings are commonly used in plumbing systems, HVAC installations, and electrical conduit systems to ensure a secure and efficient connection while accommodating changes in pipe or wire diameter. Constructed from ETP grade copper with a purity of 99.96%, it boasts a minimum conductivity of 97.6% IACS.

STANDARD MATERIALS

- The terminal is annealed to prevent cracking during crimping, and a chamfered mouth facilitates easy cable insertion.
- The precise design of copper reducers allows for easy installation and a tight, leak-proof fit, making them ideal for applications that require reliable connections and seamless flow transitions.
- Item identification on cable lug
- The terminal is coated with tin to prevent oxidation and ensure optimal corrosion resistance.
- Material – Copper BS 1977/IS 191 (PART-V)

DIMENSIONS



Note : Product Specifications and Design subject to change without notice



APPLICATIONS



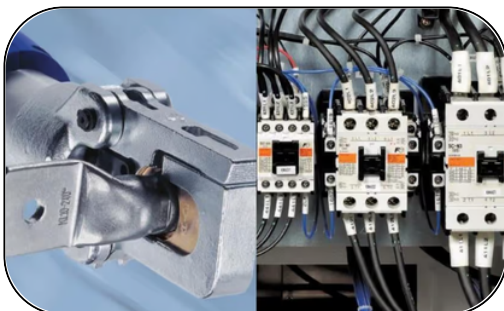
Power Distribution



Renewable Energy



Automotive & Marine



Industrial & Manufacturing



Railway & Transportation:

TECHNICAL DATA

Nominal Cross Section mm ²	PRODUCT NO.	A	C	D	D-1	B	K	G+H	J
2.5	HBSR-7	2.5	4.7	3.8	3.3	6	4	10	20
4	HBSR-15	2.8	4.7	4.5	4	6	4	10	20
	HBSR-16	2.8	4.7	3.8	3.3	6	4	10	20
6	HBSR-17	3.1	4.7	4.5	4	6	4	10	20
	HBSR-18	3.1	4.7	3.8	3.3	6	4	10	20
10	HBSR-19	3.8	5.5	4.5	4	9	4	10	23
	HBSR-20	3.8	5.5	3.8	3.3	9	4	10	23
	HBSR-21	4.4	6.2	4.5	4	9	4	10	23
	HBSR-22	4.4	6.2	3.8	3.3	9	4	10	23
16	HBSR-23	5.3	7.1	6	5.5	12	5	15	32
	HBSR-24	5.3	7.1	6	5.5	12	5	20	37
	HBSR-2	5.3	7.1	3.8	3.3	12	5	13	30
25	HBSR-25	7	9	6	5.5	12	5	15	32
	HBSR-3	7	9	7.5	6.5	12	5	20	37
35	HBSR-4	8	10	7.5	6.5	12	5	20	37
50	HBSR-26	9.2	11.2	7.5	6.5	16	5	20	41
	HBSR-5	10.4	14	14	13	18	7	24	49
70	HBSR-27	11.5	13.8	7.5	6.5	18	5	20	43
	HBSR-6	11.5	13.8	11.5	10.5	18	5	25	48
	HBSR-28	11.5	13.8	11.5	10.5	18	5	32	55

TECHNICAL DATA

Nominal Cross Section mm ²	PRODUCT NO.	A	C	D	D-1	B	K	G+H	J
95	HBSR-29	12.8	15.6	11.5	10.5	20	6	25	51
	HBSR-8	12.8	15.6	15.6	14	20	6	27	53
	HBSR-31	12.8	15.6	7.5	6.5	20	6	22	48
	HBSR-32	12.8	15.6	12.8	11.8	20	6	32	58
120	HBSR-33	14.8	17.8	11.5	10.5	22	6	25	53
	HBSR-34	14.8	17.8	7.5	6.5	22	6	22	50
	HBSR-35	14.8	17.8	11.5	10.5	22	6	32	60
	HBSR-36	14.8	17.8	15.6	14	22	6	32	60
150	HBSR-10	16	19.6	15.6	14	26	6	32	64
	HBSR-37	16	19.6	11.5	10.5	26	6	32	64
185	HBSR-30	18	22	15.6	14	32	6	32	70
	HBSR-38	18	22	11.5	10.5	32	6	32	70
225	HBSR-39	20	26	15.6	14	38	8	32	78
	HBSR-46	20	26/36	21	18	38	8	42	88
	HBSR-42	20	26	16	15	38	8	42	88
240	HBSR-44	22	26	16	15	38	8	42	88
	HBSR-43	22	26	15.6	14	38	8	32	78
300	HBSR-45	24	28.7	16	15	42	8	42	92
	HBSR-47	24	28.7	15.6	14	42	8	32	82

CONTACT THE HAZBRITE TEAM FOR MORE ENQUIRIES.

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Disclaimer

The information provided is accurate to the best of Hazbrite's knowledge at the time of publication. However, customers and end-users should consult the latest product specifications, installation guides, terms, and warranties available at www.hazbrite.com, which shall take precedence in case of any discrepancies or conflicts.