

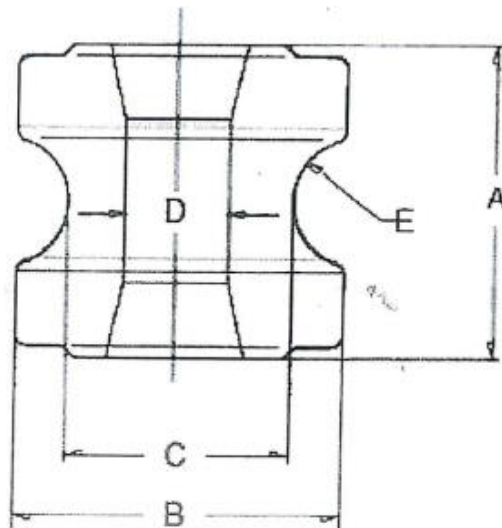
GTP for Shackle Insulator LV

Description	Bidder's Offer
1. Distributor's name and its address	Metsec Cables Ltd, P.O.Box 75963-00200, Nairobi, Kenya
2. Type reference number of Insulator offered	R-2
3. Service Conditions	The low voltage (shackle) insulator shall be designed and constructed for continuous outdoor operation in tropical areas and harsh climatic conditions including areas exposed to: a) Sea spray along the coast, with SPS class d (heavy), Example E5 as per IEC 60815; b) Humidity up to 90%; c) Average ambient temperature of +30°C with minimum of -1°C and a maximum of +40°C d) Altitudes of not more than 2200m above sea level.
4. Applicable Standard	IEC 60383-1
5. Material	The insulating material shall be made from grade C- 120 ceramic material or equivalent. The porcelain shall be sound, free from flaws and blemishes, smoothly glazed and of uniform brown colour complying to RAL 8016 as per RAL colour chart when finished.
6. Design and construction	The low voltage (shackle) insulator shall be of reel type in accordance and provisions of ENA TS 43-93 standard in terms of design and dimensions. The low voltage (shackle) insulator shall be made from moulding technique and turning. This shall ensure tolerance to DIN 40680 standard.
7. Maximum system voltage	15Kv
8. Dimension	
<ul style="list-style-type: none"> • Length • Outer dia of insulator • Dia of though hole • Conductor groove 	<p>65mm</p> <p>76mm</p> <p>17.5mm</p> <p>9.5mm</p>



9. Min failing load of insulator kN	15kN
10. Min wet flashover voltage	10kV
11. Min dry flashover voltage	20kV
12. Lists of copy test reports submitted	
13. List of catalogue ,brochures, technical data, drawings, and customer and sales records submitted to support the tender	YES
14. Marking	Can be printed to customers' requirements
15. Copy of ISO9001:2008	Yes
16. Quality assurance plan	Yes
17. Deviations from tender specification	N/A

Dimensions:



Dimensions		Tolerance as per DIN 40680	
	Height (A)	65mm	± 2%
	Diameter (B)	76mm	
	Diameter (C)	44mm	
	Diameter (D)	17.5mm	± 0.45%
	Conductor groove radius (E)	9.5mm	± 0.30%

All of the above information, including drawings, illustrations and graphic designs, reflects our present understanding and is to the best of our knowledge and belief correct reliable. Users, however, should independently evaluate the suitability of each product for the desired application. Under no circumstances does this constitute an assurance any particular quality or performance. Such an assurance is only provided in the context of our product specifications or explicit contractual arrangements. Our liability for products set forth our standard terms and conditions of sale

