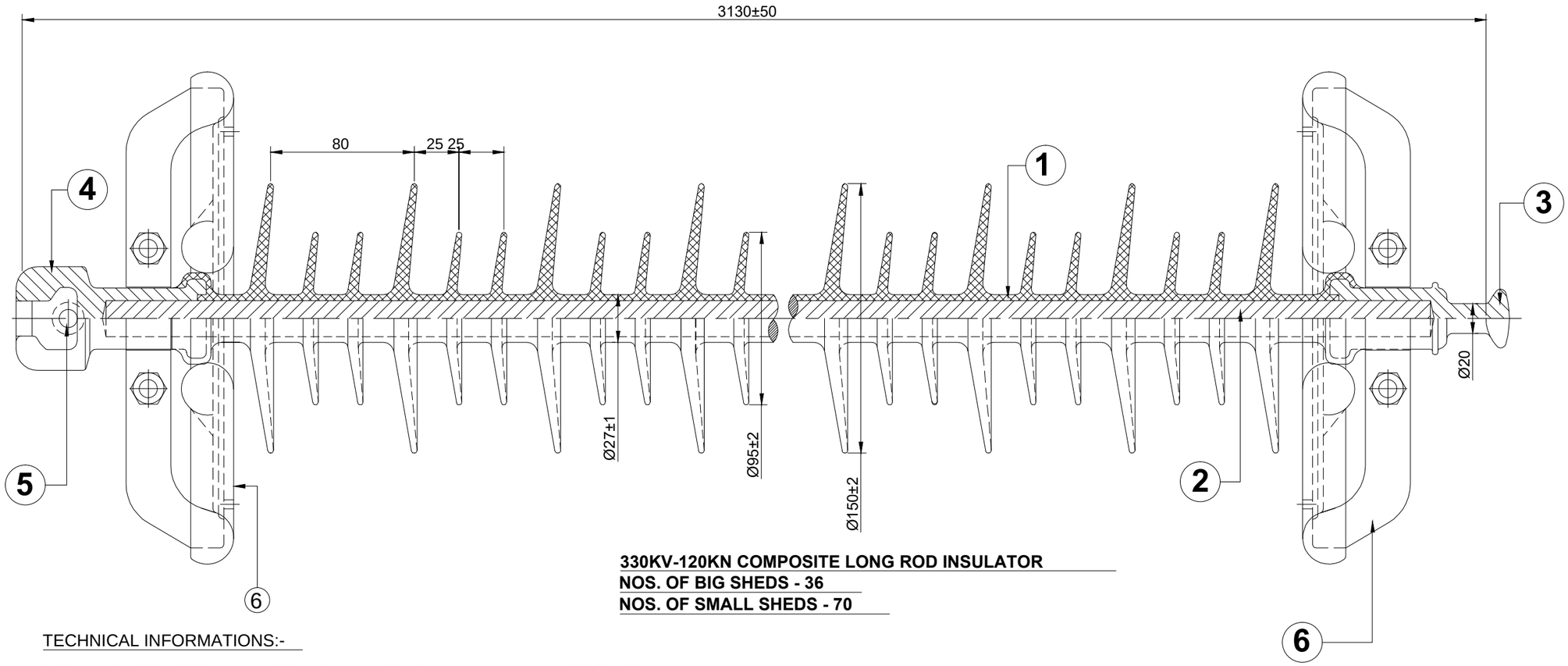


330KV-120KN COMPOSITE LONG ROD INSULATOR
NOS. OF BIG SHEDS - 36
NOS. OF SMALL SHEDS - 70

TECHNICAL INFORMATIONS:-

(a) Long Rod Shed Diameter: 150+/-2mm and ball to socket spacing: 3130+/-50mm

(b) Minimum Creepage Distance : 11250mm

(c) Arcing Distance : 2930mm

(d) Ecentricity of the Long Rod Unit:

(i) Axial Run Out - Not applicable for Polymeric Insulator

(ii) Radial Run Out - Not applicable for Polymeric Insulator

(e) Mechanical & Electrical Characteristics

(i) Mechanical Strength : 120KN

(ii) Wet Power Frequency withstand voltage : 520 kV/rms

(iii) Lightning Impulse withstand voltage : 1175 kVP

(iii) Switching Impulse withstand voltage : 950 kVP

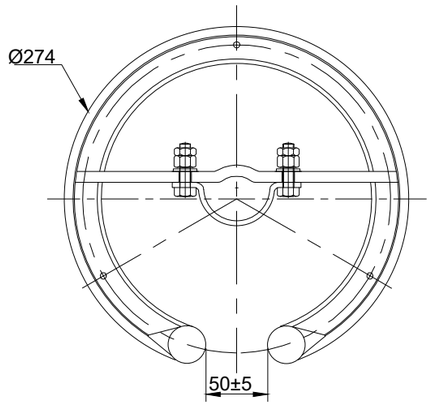
(f) Unspecified Tolerances as per Standard IEC : 61109

(g) Weight of Composite Long Rod Unit : 12.5kg +/-10%

(h) Material :

(i) Identification mark: Logo, 330kV, 120KN

(ii) Catalogue Number : YPIL-330-001-120-B&S



CORONA RING
MATL: AL' ALLOY
QTY. 2 OFF/SET

FOR TENDERING ONLY

DATE	REFERENCE DRAWING	NUMBER

REVISION			
NO	BY	DATE	DESCRIPTION

APPROVED BY
DIRECTOR OF ENGINEERING PLANNING & DESIGN

THIS DRAWING IS THE PROPERTY OF GHANA GRID COMPANY LTD. AND IS NOT TO BE COPIED OR USED WITHOUT ITS WRITTEN PERMISSION

DATE	AUGUST, 2021
SCALE	NONE
DRAWN BY	
DESIGNED BY	
CHECKED BY	

PROJECT
330kV TRANSMISSION LINE PROJECT

TITLE :
330KV-120KN COMPOSITE LONG ROD INSULATOR

Ghana Grid Company Ltd
P.O Box CS 7979, Tema,Ghana
Tel:0303 304818 /0303 310310
Fax :0303 676180 /0303 303327
Email: gridco@gridcogh.com,web:www.gridco.com

GRIDCo
Backbone to Power Delivery

FOR APPROVAL ☐
FOR CONSTRUCTION ☐
FOR INFORMATION ☐

sheet size: A3 | Drawing no: XXXX | sheet: 1 / 10 | Rev: xx