

# TECHNICAL PARTICULARS

## MECHANICAL VALUES

Bending strength ( Upright & under hung )	lb	3000	kN	13.34
Compression strength	lb	60000	kN	267
Tensile strength	lb	25000	kN	111
Torsional strength	in lb	40000	kNm	4.52

## ELECTRICAL VALUES

Dry power frequency withstand voltage	kV	165
Wet power frequency withstand voltage	kV	145
Dry power frequency flashover voltage	kV	210
Wet power frequency flashover voltage	kV	190
Lightning impulse withstand voltage	kVp	350
Impulse flash over voltage	kVp	390
Min. creepage distance	inch. 72	mm 1830

Shed profile as per IEC : 60815

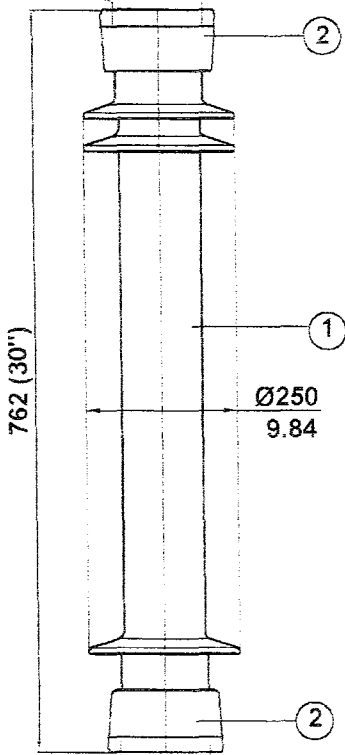
## RADIO INFLUENCE VOLTAGE DATA

Test voltage to ground	kV	44
Max. RIV at 1000 kHz	µV	200

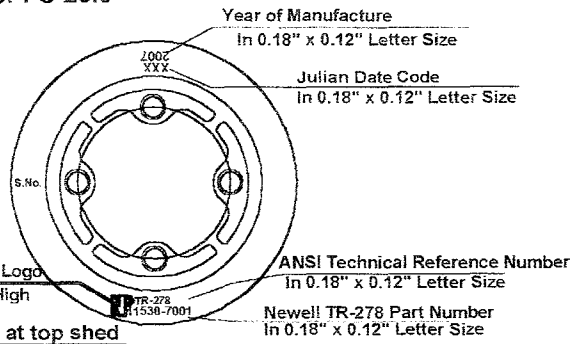
NOTE: -

Test & tolerance as per IS : 2544 , 5350 & IEC:60168,273 & ANSI : C 29.9

4 Holes 5/8"-11 UNC (0.015" Oversize)  
X 0.866" deep on 5" PCD



4 Holes 5/8" -11UNC ( 0.015" Oversize)  
X 0.866" deep on 5" PCD



Marking at top shed

2	Caps	MCI / SGI	Hot dip galv .
1	Insulator body	Al. porcelain	Grey Glazed
S.No.	DESCRIPTION	MATERIAL	REMARKS

Title <b>STATION POST INSULATOR</b> ( BIL - 350 kV )		Scale N.T.S.	Matl. See table
Ref. TR :278		Drawn	S.N. Rathore
		Checkedd	D.S. Singh
		Approved	A.P.N
All dimension are in mm /inch.		Date	27-03-1990
<b>NEWELL P S N L L C</b>		Drg. No.	
		<b>212 - C -096</b>	
		Rev. <b>2</b>	

Rev. :- 2 On dated 22-06-2000