



The image features a photograph of a transmission tower with two types of insulators. One is a long, angled string of disc insulators, and the other is a shorter, horizontal braced post insulator. The background shows a line of trees under a cloudy sky. The bottom of the image is overlaid with a technical drawing of a transmission tower structure.

TRANSMISSION BRACED POST INSULATORS

SMART NUMBERING

The catalog number for an insulator is intended to identify the characteristics and critical performance criteria of the insulator in an easy to understand format, ideally with consistency across the entire insulator product family.

B2	90	1	057	B	1	1	068	M	X
LP Core Rod	LP Tower EF	LP Line EF	Section Length	Hardware Type	Brace SML	Brace EF	Height	Contamination	Corona Ring (Suspension)

B2 LP Core Rod **90** LP Tower EF **1** LP Line EF **057** Section Length **B** Hardware Type

B1 - 2.0"	10 - Flat Base 12 Deg.	1 - Drop Tongue	Pole to Conductor CL	B - Basic Hardware
B2 - 2.5"	11 - Flat Base 0 Deg.	C - Extended Drop Tongue		T - Turnbuckle
B3 - 3.0"	1C - Fixed Flat	E - Drop Tongue HS*		P - Adj. Plate
B4 - 3.5"	13 - Flat Base / 13 X 8	H - Horizontal Ram*		X - None
	50 - 5" BC	F - Vertical Ram*		
	90 - Gain 12 Deg.			
	91 - Gain 0 Deg.			
	92 - Gain 12 Deg. / 14" Spacing			
	9C - Fixed Gain 12 Deg.			

1 Brace SML 1 Brace EF 068 Height M Contamination X Corona Ring (Suspension)

1 - 25k	1 - Eye / Eye	Base to Vang Distance	M - Standard		Tower	Line
5 - 30k	2 - Y / Ball		A - Low	X -	None	None
6 - 36k	3 - Eye / Ball		B - Medium	A -	None	8"
2 - 50k	4 - Y / Eye		C - High	B -	None	12"
	5 - Y / Y			C -	None	17"
	6 - Sock / Ball			D -	8"	8"
				E -	12"	12"
				F -	17"	17"
				G -	8"	12"
				H -	12"	17"
				V -	8"	17"

Key:
 * = Contact for further details
 BC = Bolt Circle
 EF = End Fitting
 LP = Line Post
 SML = Specified Mechanical Load

Notes:

1. Some options may be limited by rod diameter
2. Don't see what you need? We've got more design options available! Please contact transmission@macleanpower.com for assistance