

Technical Specifications – Glass Insulator U70BS / U70BL

Parameter	Unit	Value
Insulator type (IEC)		U70BS
Equivalent GOST type		PS70E
Minimum mechanical failing load	kN	70
Minimum mechanical residual strength	kN	56
Diameter of insulating part, D	mm	255
Spacing, H	mm	127
Nominal creepage distance	mm	320
Ball and socket coupling (IEC 60120)	mm	16
Puncture voltage in insulating medium	kV	130
50 Hz withstand voltage (dry)	kV	70
50 Hz withstand voltage (wet)	kV	45
Dry lightning impulse withstand voltage (1.2/50)	kV	105
Impulse puncture test voltage in air	kV	280–310
Radio interference voltage at 0.5 MHz	dB	60
Radio interference voltage	kV	20
Radio interference voltage	dB	86
Radio interference voltage	kV	25
Weight	kg	3.6

