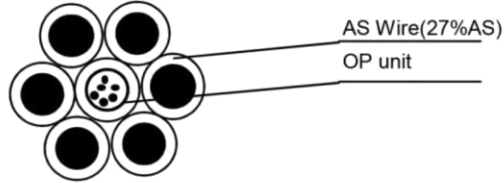
	OPGW Cable Specifications	Serial No:	
		Bid No:	OPGW

Cable Type: OPGW - 1C1/24B4 SM (AA/AS 0/72 -32,8)
 Industry Standard OPGW - 0C1x24SM(72-33)
Cross Section:



Structure:	Material	No	Material	No	Material Dia.
	Fiber:	G.652 D:	24:		
Center:	SUS Tube:	1:	Fibers:	24:	Tube-Dia.: 3,80 mm
Layer1:	AS wire:	6:	AA wire:	0:	Diameter: 3,90 mm

Technical Data:	According to IEC60794-4-1,IEEE-1138 standards	
	Stranding direction of outer layer is right hand(Z-stranding)	
	Cable Diameter	11,7 mm
	Cable Weight	462 kg/km
	Supporting Cross Section	71,7 mm ²
	Section of AS Wire	71,7 mm ²
	Section of AA Wire	0,00 mm ²
	Rated Tensile Strength (RTS)	7339 kgf
	Rated Tensile Strength (RTS)	72,0 kN
	Modulus of Elasticity (E-Modulus)	140,0 kN/mm ²
	Thermal Elongation Coefficient	13,4 10 ⁻⁶ /°C
	Permissible Maximum Working Stress (40% RTS)	401,8 N/mm ²
	Everyday Stress (EDS) (18% RTS)	180,8 N/mm ²
	Ultimate Exceptional Stress (70% RTS)	703,1 N/mm ²
	DC Resistance at 20°C	0,903 Ω/km
	Short Time Current (1s, 38°C~200°C)	6 kA
Short Time Current Capacity I ² t	33 kA ² s	
Minimum Bending Radius Installation	234 mm	
Minimum Bending Radius Operation	348 mm	
Ratio of RTS to weight	15,9 km	
Temperature Range:	Installation	-10°C ~ +50 °C
	Transportation and Operation	-40°C ~ +80 °C

Remarks: All Sizes and Values are Nominal Values

28.04.2014			OPGW	MK
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