It is Time to Redefine
High Quality Network

OPGW CT-CORE 24F G652D
AL-CLAD54 OD402

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Navigator

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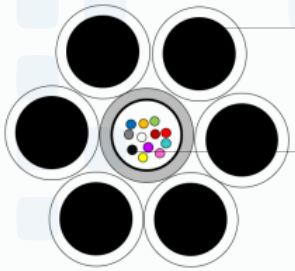

Dimensions and Properties

	Position	Type of component	No. of component	Component diameter
Structure	Fiber	G652D	2 4	
	Center	Stainless steel tube	1	3.40mm
	1st Outer Layer	20.3% Al-clad steel wire	6	3.40mm

	Compliant with IEC, IEEE standards				
Technical Data	Stranding direction of outer layer is right hand(Z-stranding)				
	Cable Diameter	10.20	mm	0.402	in
	Cable Weight	389	kg/km	1, 380	lbs/mile
	Total supporting Cross Sectional area	54,48	mm^2	0.08	in^2
	Cross sectional area of Al-clad steel wire	54,48	mm^2	0.08	in^2
	Rated Tensile Strength (RTS)	66,4	kN	1 4.927	lbs
	Modulus of Elasticity (E-Modulus)	162.0	kN/ mm^2	2 3.496	kpsi
	Thermal Elongation Coefficient	13.0 × 10^{-6}	/ °C	7.22 × 10^{-6}	/°F
	Permissible Maximum Working Stress (42% RTS)	511,7	N / mm^2	7 4.216	psi
	Everyday Stress （EDS) (16%~25% RTS)	194,9 ~ 304,6	N / mm^2	2 8.268~44.1 79	psi
	DC Resistance	1.578	Ω/km	2 .54	Ω/mile
	Short Time Current (0.25s, Initial= 20°C)	9.7		ka	
	Short Time Current Capacity	23.6		kA^2S	