

ADSS Cable Design Information

Requestor: _____ Phone: _____ Date: _____

Customer Name: _____ Due Date: _____

Installation Location: _____ City & State: _____

Fiber Type(s): Low Water Peak SMF: ____ Other (Define): _____

Number of fibers: _____

Maximum Span Length (feet or meters): _____

Maximum Weather Load:

NESC Loading Condition: ____ Light ____ Medium ____ Heavy

Other (define ice & wind load/speed) _____

Installation Sag: _____ 1.5% _____ Other

Maximum Fiber Strain: 0.2% (Safe Strain) ____ 0.0% (Zero Strain) ____

Special Requirements (OD, MRCL, etc.): _____

Cable length (feet or m): _____ # of Jackets: _____ Single Jacket _____ Dual Jacket

OPGW Cable Design Information

PRYSMIAN CUSTOMER: _____

END USER / COUNTRY: _____

PROJECT REFERENCE: _____

DATE: ____/____/____

Wires Materials Accepted (ex. ACS+AA)

ACS Aluminum Clad Steel AA Aluminum Alloy GS Galvanized Steel

CABLE REQUIREMENTS

References	OPGW 1	OPGW 2	OPGW 3
End User Cable Ref.			
Length (feet)			
Fiber Requirements			
Fiber Type(s) (G.652.D, G.655)			
Number of fibers of each type			
Mechanical / Geometrical Requirements			
Cable Diameter (inch)			
Breaking Load - RTS (lb)			
Weight (lb/ft)			
Single or Double Layer Armor			
Outer Layer Lay Direction (S or Z)			
Electrical Requirements			
Initial/Final Short Circuit Temp (F)			
Short Circuit Capacity (kA ² s)			
Short Circuit Duration (s)			
Other Requirements			

NOTE:

- Fiber Specification References: G.652.D (MN), G.655 (NZDS)
- Please write an * near the most important value for the customer. Example >59kN* means that the breaking load is the most important parameter for the customer.
- For more than 3 cables please fill in another sheet.

Prysmian Group