How long is a reel of 48-core OPGW optical cable



Overview

Reel lengths must be defined at time of purchase to assist client with reducing waste, and to reduce splicing required during installation. Please contact AWG for full detailed technical specifications, including PLS CADD data or Stress Creep data. OPGW, or Optical Ground Wire, is a self-supporting cable used for the installation of optical fibers on overhead power transmission lines. The configuration of 48 fibers OPGW allows for. ITU-TG. 652, 655, EIA/TIA 598B, IEC 60794-4-10, 60794-1-2, IEEE 1138, IEC 61232, 60104, 61089. Type: Central Stainless Steel Tube Type, Stranded Stainless Steel Tube Type Drawings: Optical Ground Wire (OPGW) An optical ground wire also known as an OPGW or, in the IEEE standard. An OPGW cable. Used by electric utilities on transmission lines with the voltage of 35 kV and higher for creating optical communication lines and protecting the power lines from lightning strikes. Applied for aerial installation on distribution and power transmission lines for building long distance optical. Fiber Optic Aerial Cable: Type - OPGW Optical Ground Wire; Size - AC-34/52/646; Fibers - 48 Fiber; RBS - lb - 18053 lb RBS; RBS - kg - 8189 kg RBS; Fault Current - 172 (kA)sq-sec; Overall Diameter - in - 0. 646 in OD; Overall Diameter - mm - 16.

© 2026 Indzawo Optic Connect - All rights reserved

How long is a reel of 48-core OPGW optical cable



An optical ground wire also known as an OPGW or, in the IEEE standard. An OPGW cable contains a tubular structure with one or more optical fibers in it, surrounded by layers of steel and aluminum wire.



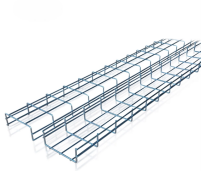
What is OPGW 48 Core Cable? OPGW, or Optical Ground Wire, is a self-supporting cable used for the installation of optical fibers on overhead power transmission lines. It consists of lightning protection ...



An optical ground wire also known as an OPGW or, in the IEEE standard. An OPGW cable contains a tubular structure with one or more optical fibers in it, surrounded by layers of steel and aluminum wire.



AFL CentraCore OPGW (Optical Ground Wire) is preferred for its compact size and ability to house up to 96 fibers in a diameter starting at only 12mm.



This document provides specifications for two types of OPGW fiber optic cables: a 24 core cable and a 48 core cable. Both cables use single mode fibers housed within loose buffer tubes made of stainless ...

© 2026 Indzawo Optic Connect - All rights reserved



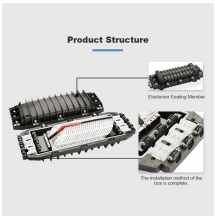
Beginning with optical ground wire (OPGW), introduced in 1984 as AFL''s flagship product, the line now spans to cabling solutions being used in the world''s harshest environments, including those above ...



Reel lengths must be defined at time of purchase to assist client with reducing waste, and to reduce splicing required during installation. Please contact AWG for full detailed technical specifications, ...



Find out about our cable drum dimensions, weight, length, standard spool and wooden cable reel sizes.



Beginning with optical ground wire (OPGW), introduced in 1984 as AFL''s flagship product, the line now spans to cabling solutions being used in the world''s harshest environments, including those above ...



Specifications Cable Type: OPGW Optical Ground Wire Size: AC-34/52/646 Length: 18,053 lb. RBS Diameter: 0.646 in. (16.4mm)

© 2026 Indzawo Optic Connect - All rights reserved

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: https://www.indzawo.co.za
Email: sales@indzawo.co.za
Phone: +27 71 296 8473
Address: 22 Quantum Street, Midrand, 1685, Gauteng, South Africa

This document is for informational purposes only. Specifications subject to change without notice.

© 2026 Indzawo Optic Connect - All rights reserved