

# ACCESSWRAP™

AccessWrap provides a quick, cost effective and sustainable solution for fibre deployment on the distribution section of power lines.

Based on proven SkyWrap® technology, cable is wrapped around the existing overhead power line infrastructure with minimal disruption to service and no modification requirements to structures. The cable can be wrapped on phase conductors up to 50kV and is designed to withstand the aggressive environments of aerial applications in any climate.

AFL provides a complete solution to include line survey, cable, hardware and machine supply, project and installation management as well as warranty and maintenance services.



## FEATURES

- Quick, cost effective installation
- Fibre counts up to 48, multiple fibre types available
- Zero fibre strain under all service conditions
- Minimal environmental impact
- Installation equipment weight and size is specially designed for installation on short span, compact conductors of up to 50kV
- Specially designed accessories supplied:-
- Lightweight in-line splice case
- Phase-To-Ground insulators
- Compact pole mounted splice case

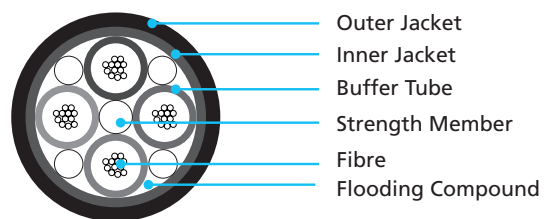
## TEMPERATURE

Operating	- 40°C to + 85°C
Storage	- 20°C to + 50°C
Installation	- 10°C to + 50°C

## BENEFITS

- Utilise existing power line infrastructure to minimise capital investment
- Minimise or eliminate deferred cost related to electrical infrastructure investment
- Alleviate problems of land access and areas of difficult terrain
- Extend fibre networks to remote LTE equipment in the roll out of mobile 5G
- Connectivity where terrain and line of sight issues make wireless less reliable
- Extend customer reach for FTTx applications particularly in rural and remote areas
- Integration as part of Smart Metering technology

## CABLE COMPONENTS



# ACCESSWRAP™

## PART NUMBER



## ACCESSWRAP ORDERING INFORMATION

ITEM NUMBER	FIBRE COUNT	CABLE O.D.	WEIGHT	LENGTH PER REEL	CASSETTE LENGTH
		mm	kg/km	m	m
SW-nHC4	06 – 12	5.6	30	871	1,742
SW-nHC4	13 – 24	6.2	36	700	1,400
SW200-nHC4	25 – 48	6.2	36	700	1,400

Note: Diameter and weight subject to change without notice  
Single-mode, multi-mode and non-zero dispersion-shifted fibre types are available on request

## INSTALLATION EQUIPMENT INFORMATION

PARAMETER	VALUE
Typical Weight (includes cable and balance weight)	45kg
Min-Max Radius of rotation	0.5m
Wrapping Speed	Up to 5km per hour

## INSTALLATION HARDWARE

A full range of hardware and accessories are available as part of the AccessWrap solution. Many different options are available to suit individual structure types and environmental conditions. Please contact AFL for more information.