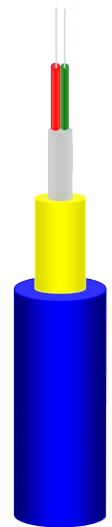# ADEVA®

Type ADV
Fiber Linear Sensor Cable

Overview

This sensor cable is designed to work with the ADEVA supplied Distributed Temperature Sensor (DTS) Controller. The fiber sensor cable consists of a loose tube, gel filled, construction. Aramid stregth members surround the loose tube. An outer jacket of flexible thermoplastic ensure the cable is protected.

Technical Specifications

Feature		Value/Type
Fiber		Acrylate
Attenuation		<2.8dB/Km@850nm, <0.8dB/Km@1300nm
Bandwidth		>600MHz·km
Weight		20kg/km
Number of fibers		2
Outer diameter		4mm
Jacket Material		low-smoke zero-halogen thermoplastic
Permissible load	Long term	400N
	Short term	800N
Tensile strength		500N
Colour		Blue
Permitted bending radius	Long term	80 mm
	Short term	60 mm
Temperature ranges	Long term	-20 °C to +85 °C
	Short term	-50 °C to 150 °C
Life span		>30 years
IP Rating		IP67
Standard		IEC 60332–3C

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ADV001-09