

Siechem Tethered Drone Cable

Application

- ✓ Power transmission line inspection.
- ✓ It allow high-speed data communication between drone and ground control system.
- ✓ Security surveillance.
- ✓ Border monitoring.
- ✓ Industrial monitoring.
- ✓ Disaster monitoring.
- ✓ Military and defence.
- ✓ It is suitable for long-duration drone operation.

Features

- ✓ High speed.
- ✓ Low-loss signal transmission.
- ✓ Flexible.
- ✓ Light weight.

Product Construction

- ✓ Support Line : Stainless steel (SUS304 or SUS316).
- ✓ Support Line Insulation : HDPE - Natural.
- ✓ Power Cable Insulation : Dual insulation
 - i) Teflon.
 - ii) Nylon.
- ✓ Optical Fiber Material : LSZH-Blue & Orange
- ✓ Filler : Aramid yarn
- ✓ Tape : Pressure Sensitive Tape
- ✓ Braid : ATC
- ✓ Jacket : TPU - Black

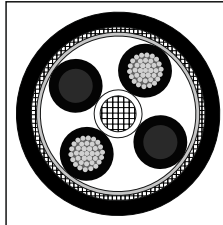
Technical Data

- ✓ Operating Temperature : -20°C to +70°C
- ✓ Max. Voltage : 600V
- ✓ Cable loss factor : 0.50 dB/km max at 1310 nm & 1550nm.
- ✓ Withstand voltage : AC 1.5 kV / min applied with no abnormality

Drone Cables

UAV cable

2D View



Approvals Accreditations Certifications



Part Number	Cable	Conductor Construction				Insulation Thickness Min.	Core Diameter Max.	Dia. Over Tape	Braid Strand Dia Min.	Dia. over Braid Max.	Nom. Jacket Thickness	Nom. Overall Diameter	Weight Approx.
		No. of cores x Area	No. of Strands	Diameter of Single wire Max.	Conductor Diameter Max.								
		Nos. x AWG	Nos.	mm	mm	mm	mm	mm	mm	mm	mm	mm	Kg/Km
D8628105	Support Line	19 AWG	7x7	0.133	1.08	0.40	2.00	6.00	0.10	6.40	0.95	8.30±0.20	90
	Power Cables	2C x 18 AWG TA	19	0.230	1.16	0.30	1.76						
	Optical Fiber	2C	1.80 mm OD										

** We have obtained various approvals, accreditations, and certifications — some of which may not be relevant to this catalog.