

Siechem 1.5D- EXHV - AS

Application

- ✓ It is mainly used in automotive communication and antenna systems.
- ✓ Used as antenna feeder cable in vehicles.
- ✓ Used for RF signal transmission in car entertainment systems and also used for signal transmission in CCTV and monitoring system.
- ✓ Used as drop wire from outdoor antenna to indoor equipment.

Product Construction

- ✓ Conductor : Annealed Stranded Tinned Copper Conductor, Cu-ETP1 acc to DIN EN 13602.
- ✓ Insulation : XLPE.
- ✓ Colour : Natural.
- ✓ Taping : Al -Mylar tape.
- ✓ Braiding : ATC (Coverage 90%).
- ✓ Outer Sheath : Polyvinylchloride - Black.
- ✓ Sheath Color : As per customer request.

Technical Data

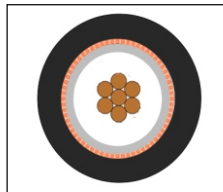
- ✓ Standard : ES 96220-01
- ✓ Characteristic Impedance : $50 \pm 2 \Omega$
- ✓ Electrostatic Capacitance : $104 \pm 5 \text{ nF/km}$
- ✓ Min. Insulation Resistance : $1000 \text{ m}\Omega/\text{km}$
- ✓ Velocity of propagation $\approx 80\% - 85\%$ of the speed of light
- ✓ Max Attenuation :
 - 900 MHz 0.76 dB/m
 - 1500 MHz 1.04 dB/m
 - 1600 MHz 1.08 dB/m
 - 1900 MHz 1.20 dB/m
 - 2000 MHz 1.23 dB/m
 - 2500 MHz 1.40 dB/m
 - 3000 MHz 1.59 dB/m
- ✓ 1.5D : 1.5mm dielectric core diameter
- ✓ EX : Extra cross linked insulation
- ✓ HV : High voltage
- ✓ AS : Aluminium shield

Features

- ✓ Low loss signal transmission.
- ✓ Characteristic Impedance is constant in high frequency domain.
- ✓ Superior in flexibility work ability, after being lightweight.
- ✓ High shielding coverage.
- ✓ Low-tension cables for automobiles.

Automotive Cables **1.5D - EXHV - AS**

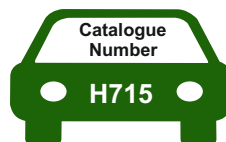
2D View



Approvals	Accreditations	Certifications

Part Number	Conductor Construction				Insulation Wall Thickness (Min./Nom.)	Core Diameter (Nom.)	Braiding Wire Dia (Nom.)	Thickness of Outer sheath. (Min./Nom.)	Overall Diameter (Nom.)	Weight Approx. (Nom.)	Max. Conductor Resistance at 20°C
	Nominal Cross-Section	No. of Core	No. of Strands / Stand dia. (Nom.)	Diameter of Wire (Nom.)							
H715A030003	Sq.mm	Nos.	Nos.	mm	mm	mm	mm	mm	mm	kg/km	Ω/km
	0.2	1	7/0.19	0.54	0.48/0.53	1.60 ± 0.06	0.12	0.38/0.43	2.90 ± 0.1	15	110

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



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