

**Application**

- ✓ Used for high-speed data transmission between sensors, cameras, and control units in safety systems.
- ✓ Connects multimedia components, displays, and entertainment modules.
- ✓ Internal wiring of appliances and equipment.

**Product Construction**

- ✓ Conductor : Stranded Tinned Copper, CU ETP1 EN 13602.
- ✓ Insulation : PP foamed - White & Green.
- ✓ Shield : Al/PET/Al foil with ATC Braid.
- ✓ Coverage : 90%.
- ✓ Outer Sheath : Plasticized Polyvinyl chloride (Class B) - Black.

**Technical Data**

- ✓ Temperature Range : -40°C to 105°C / 3000hrs
- ✓ Voltage : 60V
- ✓ Characteristic Impedance : 100 ± 5Ω. (at 20°C)
- ✓ Attenuation of Shielding : ≥50 dB
- ✓ Max. Rated Frequency : <3.102 (at 4600 MHz)
- ✓ JSTP - Jacketed Shielded Twisted Pair.
- ✓ ETH – Ethernet.
- ✓ Standard : EN 13602 / ISO 6722-1

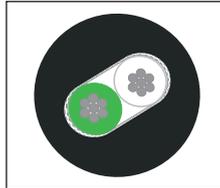
**Features**

- ✓ RoHS.
- ✓ High dielectric strength.
- ✓ Ideal for low-voltage signal and communication systems.
- ✓ Resistant to oils, fuels, acids, and alkaline
- ✓ Low capacitance and power loss

Automotive Cables

JSTP ETH 105-2

**2D View**



**Approvals | Accreditations | Certifications**



Part Number	Conductor Construction				Insulation Thickness Min.	Core Diameter		Screen wire dia. Max.	Outer Sheath Thickness Nom.	Overall Diameter		Weight Approx. kg/km	Max. Conductor Resistance at 20°C Ω/km	Standard Length* mtrs
	Nominal Cross-Section mm <sup>2</sup>	No. of Strands nos.	Diameter of Single wire Max. mm	Conductor Diameter Max. mm		Min. mm	Max. mm			Min. mm	Max. mm			
D255A2602*	2x0.14	7	0.17	0.55	0.28	1.20	1.26	0.11	0.26	3.5	4.0	20	125	500

Frequency (MHz)	1000	2000	3000	4600
Insertion loss at 20°C : dB/m	<1.273	<1.886	<2.396	<3.102

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

