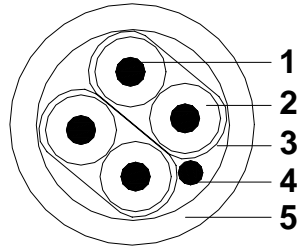


# CABLE DESIGN SPECIFICATION



1. Conductor
2. Insulation
3. Al. Foil
4. Drain Wire
5. Sheath

Category	Multi pair Cable
Code	TEM0737-2006 (AUG)
Description	(7/0.25TC x 1Pair + Insulation + Al. Foil) x 2C + Drain Wire + Sheath O.D 4.2mm
Conductor	7/0.25+/-0.006mmTC x 4C / Nom. O.D~ 0.75mm
Insulation	Material : PP / Color : Red/Black, Green/White
	Min. Thickness 0.17mm / Nom. Thickness $\geq 0.20$ mm / Nom. O.D 1.2+/-0.1mm
	Spark Test : 3000V a.c
Twisting	2Pair / 1Pair + Al. Foil / Nom. O.D ~2.46mm
Screen	Al. Foil 100% Coverage
Group Twisting	2Pair / Nom. O.D ~3.2mm
Drain Wire	7/0.2+/-0.006mmTC / Nom. O.D ~ 0.60mm
Sheath	Material : Low Smoke Halogen Free Compound / Color : Grey
	Min. Thickness 0.32mm / Nom. Thickness $\geq 0.40$ mm / Nom. O.D 4.2+/-0.2mm
	Spark Test : 3000V a.c
Physical Properties	Sheath Before Aging : Elongation : $\geq 100\%$ / Tensile Strength : $\geq 8$ N/mm <sup>2</sup>
Electrical Properties	Conductor Max. DC Resistance : 55.0ohm/km @ 20°C
	Voltage test : Core to Core : 1000V a.c / 1min
	Voltage test : Core to Screen : 1000V a.c / 1min