



These coaxial (coax) cables are designed to transmit satellite, CCTV, television & video signals.

Black sheathed cables are suitable for internal or external use, white sheathed cables are suitable for internal use only.

Duct Grade (thick PE) sheathed cables are suitable for use in ducts and LSZH sheathed cables provide increased safety in the case of fire.

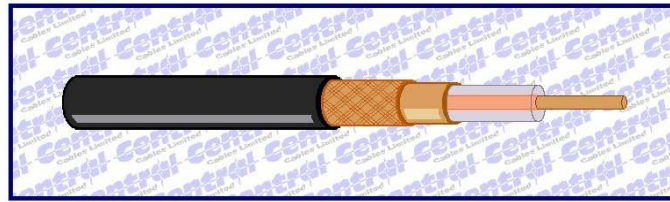
**Construction**

solid or stranded plain copper conductors  
 air-spaced or foamed PE core insulation (dielectric)  
 overall copper foil & plain copper braid screens  
 sheath materials vary

<u>Technical</u>	
sheath materials:	PVC = polyvinylchloride
	LSZH = low smoke zero halogen
	PE = polyethylene
impedance:	75 Ohms (+/- 3 Ω)
temperature range:	dependent on type, please check if critical

Cable Description, Cables Type, Outer Sheath Material	Conductor	Cable Overall	
	Stranding (mm)	Diameter (mm)	Weight (kg/km)
CT100 PVC Black or White	1/1.00	6.6	49
CT100 LSZH Black	1/1.00	6.6	49
CT100 Duct Grade (thick PE) Black	1/1.00	9.4	70
CT100 2 Core (Shotgun) PVC Black	1/1.00	6.9x14.4	100
CT100 5 Core PVC Black	1/1.00	22.5	630
CT125 PE (external) Black	1/1.25	8.0	69
CT125 LSZH Black	1/1.25	8.0	69
CT125 Duct Grade (thick PE) Black	1/1.25	9.5	90
CT125 5 Core PVC Black	1/1.25	25.5	80

Note: the most common constructions are shown here but materials, conductor sizes and screen types may differ dependent on individual manufacturer specifications.



Cable Description, Cables Type, Outer Sheath Material	Conductor	Cable Overall	
	Stranding (mm)	Diameter (mm)	Weight (kg/km)
CT165 PE (external) Black	1/1.65	10.1	115
CT165 LSZH Black	1/1.65	10.1	115
CT165 Duct Grade (thick PE) Black	1/1.65	11.3	130
CT167 PE (external) Black	1/1.67	10.1	115
CT167 LSZH Black	1/1.67	10.1	115
CT167 Duct Grade (thick PE) Black	1/1.67	11.3	130
CT233 PE (external) Black	1/2.33	12.7	135
CT233 LSZH Black	1/2.33	12.7	135
CT233 Duct Grade (thick PE) Black	1/2.33	14.4	147

Note: the most common constructions are shown here but materials, conductor sizes and screen types may differ dependent on individual manufacturer specifications.

**PVC or LSZH Properties:** fairly tough & flexible materials resistant to a wide range of oils & chemicals. The primary difference between them is the levels of toxic chemicals produced in the case of a fire.

Standard polyvinylchloride (PVC) will emit around 28% HCL (hydrogen chloride) if burnt.

Low smoke zero halogen/halogen free (LSZH, LSOH, LSHF) guarantees max. 0.5% HCL emissions if burnt.

**PE Properties:** This compound is inflammable and UV resistant with good abrasion, tear resistant and electrical properties. Excellent resistance to water, inorganic salts, acids & alkalis and good resistance to organic solvents.

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