



Application

- Internal wiring of audio video equipments.

Product Description

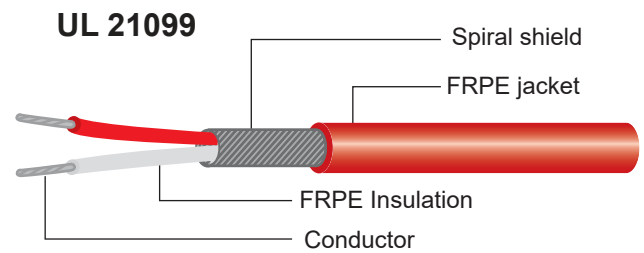
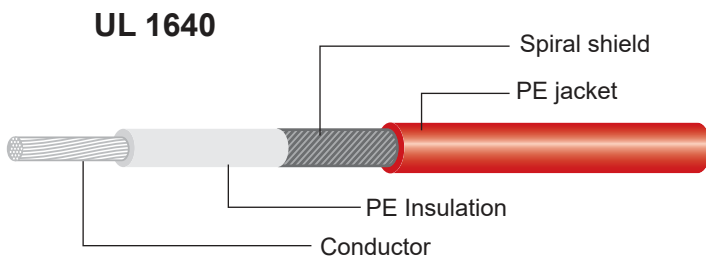
UL 1640

- Solid or stranded, tinned copper conductor,
- Tinned copper wire spiral shield.
- Insulation / Jacket : UL 1640 : PE (HF) / PE (HF)
- Use of spiral shield allows for fast and simple termination.
- Rated temperature : 80° C. Rated voltage : 30 volts.
- Pass UL VW-1 flame test.
- Minimum insulation resistance: 1,000 M Ohm/km at 20° C.

UL 21099

- Stranded, solid, tinned copper conductor.
- Tinned copper wire overall spiral shield.
- Insulation / Jacket : UL 21099 : FRPE (HF) / FRPE (HF)
- Rated temperature : 80° C. Rated voltage : 30 volts.
- Pass UL VW-1 flame test.
- Minimum insulation resistance: 1,000 M Ohm/km at 20° C.
- Insulation material of these wires doesn't use any PBDEs or PBBs as flome retardants at all.

Construction



UL Style	Conductor			Insulation		Spiral Shield		Jacket Thickness (mm)	Overall Diameter Approx (mm)	Max. Cond. Resis. (Ohm/Km)	Standard Oapacit-ance (Pf/m)	Standard Put-Up		Conductor Resistance at 20 °C (Ohm/Km)
	(AWG)	(No./mm)	Outer Dia	Thick-ness (mm)	Outer Dia (mm)	(No./mm)	Outer Dia (mm)					(ft/coil)	(M/coil)	
			(mm)											
UL 1640 (1-core)	30	7/0.102	0.306	0.25	0.80	26/0.120	1.00	0.25	1.50	410	105	2000	610	381.00
	28	7/0.127	0.381		0.90	30/0.120	1.10	0.30	1.65	236	126	2000	610	239.00
	26	7/0.160	0.480		1.00	32/0.120	1.20	0.35	2.00	148	130	2000	610	150.00
	24	7/0.203	0.613		1.10	35/0.120	1.30	0.40	2.20	151	115	2000	610	94.20
UL 21099 (2-core)	30	7/0.102	0.306	0.25	0.80	36/0.120	1.80	0.30	2.40	393	100	2000	610	381.00
	28	7/0.127	0.381		0.90	40/0.120	2.00	0.30	2.50	249	119	2000	610	239.00
	26	7/0.160	0.480		1.00	45/0.120	2.20	0.35	2.90	152	110	2000	610	150.00
	24	7/0.203	0.613		1.10	50/0.120	2.40	0.35	3.20	93	110	2000	610	94.20
UL 21099 (3-core)	30	7/0.102	0.306	0.25	0.80	(-)	1.90	0.30	2.60	393	115	2000	610	381.00
	28	7/0.127	0.381		0.90	(-)	2.10	0.30	3.00	249	126	2000	610	239.00
	26	7/0.160	0.480		1.00	(-)	2.30	0.35	3.10	152	110	2000	610	150.00
	24	7/0.203	0.609		1.10	(-)	2.60	0.35	3.40	93	120	2000	610	94.20