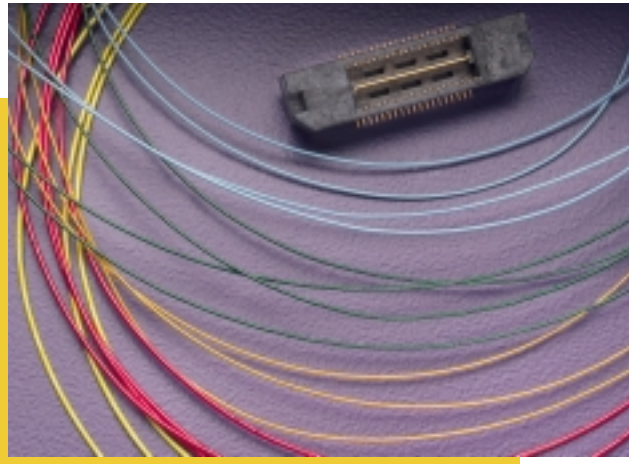


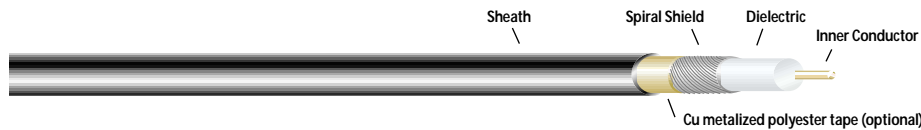
# Dual Shield MCX™ Micro Coaxial Cable



UL Style: 1354  
 UL Voltage Rating: 30V  
 UL Temp: 80°C

- Small diameter and lightweight for easy routing.
- Excellent heat resistance and electrical properties with fluoropolymers.
- UL approved.
- Dual shield construction for increased EMI protection.
- **Excellent mechanical strength and flex life characteristics with copper alloy constructions.**

APPLICATIONS: Internal wiring of electronic equipment such as PC Notebooks, FPDs, LCDs and PDAs.



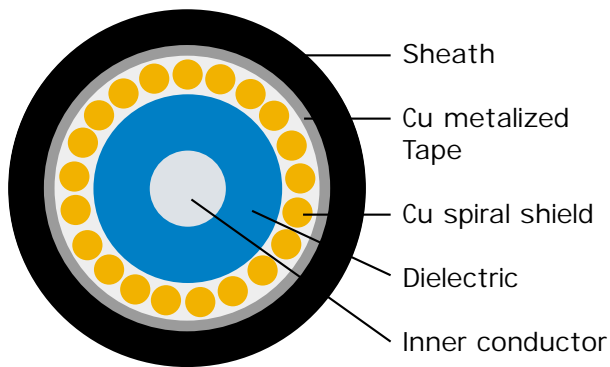
Product No.	Inner Conductor			Dielectric		Shield	Jacket		Cap. pF/ft. (pF/m)	Imp @ TDR (Ω)	Cond. Resist. Ω/Mft. @ 20°C (Ω)/km
	AWG	Stranding	Coating	Material	Dia. Inch (mm)		Material	Material			
40327	36	7/44	Tinned Cu Alloy	PFA	0.0106 (0.27)	Tinned Cu+Cu met. Tape	PET	0.013 (0.34)	For Power	30	590 (1900)
40232	38	7/46	Silver Cu Alloy	FEP	0.0134 (0.34)			0.017 (0.44)	29 (95)	50	914 (3000)
40311	40	7/48	Silver Cu Alloy	PFA	0.0098 (0.25)			0.013 (0.34)	30 (100)	50	1524 (5000)

**Physical Construction Description:** Basic construction uses a stranded copper alloy with PFA or FEP insulation. A spiral shield is then applied with either a right hand spiral (offering left-hand neutralization) or a left hand spiral (offering right-hand neutralization). A metallized copper tape is applied over the spiral shield. The final jacket consists of colored PET tape.

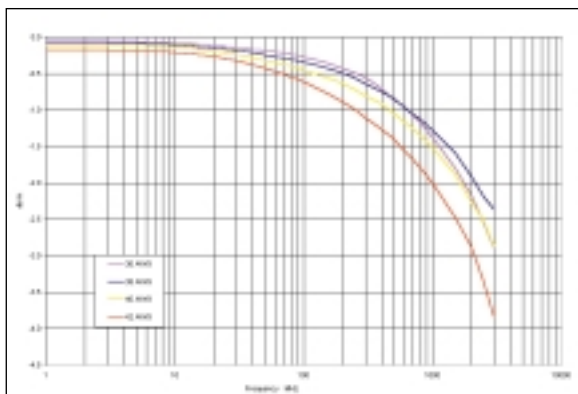
Part No.	No. of Conductors	Lay of MCX	Color	Shield available as conductor	Comments
40327-001-R-600	1	Left Hand	Blue	Yes	
40327-001-R-400	1	Left Hand	Yellow	Yes	
40327-001-L-200	1	Right Hand	Red	Yes	
40327-001-L-000	1	Right Hand	Black	Yes	
40232-001-R-200	1	Left Hand	Red	Yes	
40232-001-L-200	1	Right Hand	Red	Yes	
40232-001-R-600	1	Left Hand	Blue	Yes	
40232-001-L-000	1	Right Hand	Black	Yes	
40311-001-R-600	1	Left Hand	Blue	Yes	
40311-001-R-400	1	Left Hand	Yellow	Yes	
40311-001-L-000	1	Right Hand	Black	Yes	

Note: Color of Jackets: 000 = Black, 200 = Red, 300 = Orange, 400 = Yellow, 500 = Green, 600 = Blue. Note: 000 = Black and 600 = Blue are standard colors. Although not covered in the UL listing, the current rating for a 38 AWG is 0.6 amp & 40 AWG is 0.4 amp.

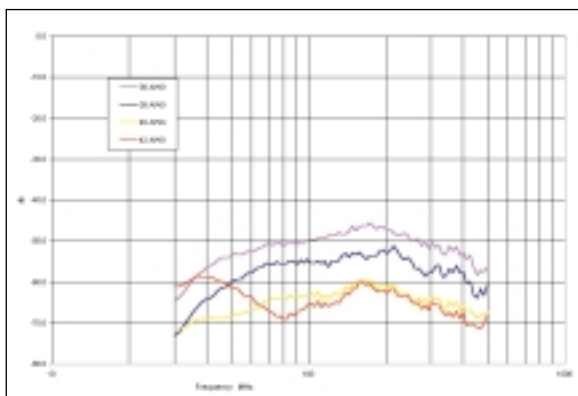
## Dual Shielded MCX™



Attenuation – dB per foot

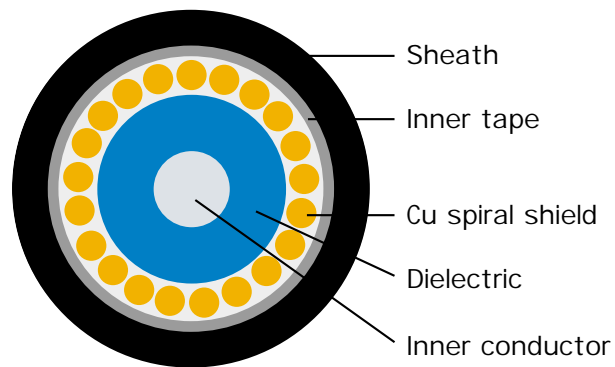


Shield Effectiveness

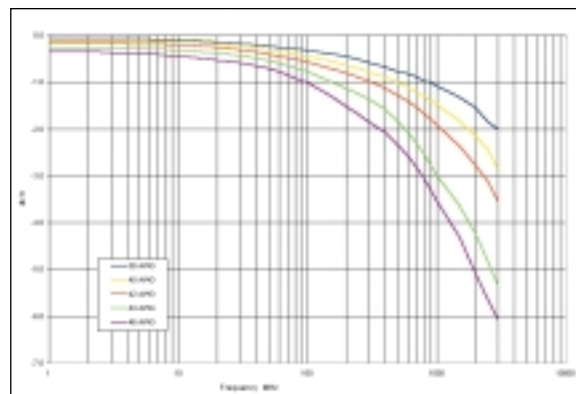


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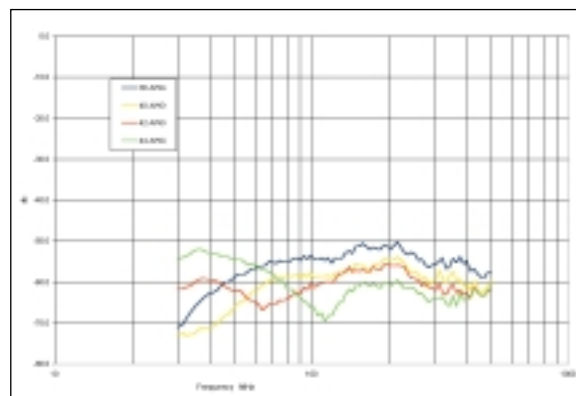
## Single Shield MCX™



Attenuation – dB per foot



Shield Effectiveness



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