



Coaxial Cables for Survey Meters

Over the years, individual manufacturers of Geiger-Mueller type survey meters have adopted various connectors to mate their handheld detector probes with their readout units.

Drawing A shows outlines of the most common cable connectors used in the industry. To order a cable that mates a probe to an instrument having a dissimilar or identical connector, chose a connector for each end and refer to Table 1.

Instrument Connectors

Drawing B shows outlines of bulkhead (panel mount) connectors that are mounted on the instrument case or on the detector probe. Drawings are shown to help with positive identification of the mating cable connector.

Ludlum Measurements Inc. supplies connector type C on survey meters and probes, with the appropriate cable if no preference is given at the time of the order. MHV, BNC, SHV and UHF type connectors with appropriate cables are available as options.

Fluke Biomedical supplies survey meters with MHV connectors exclusively, Model 190 being the only exception, offering BNC as an option.

Table 1

Connectors		Model		
male	male	Straight	Coiled	Adapter
	C - C	400-1004	40-1005	
	MHV - MHV	40-1011	8303-132	
	BNC - BNC	40-1008	40-1006	
	SHV - SHV	8303-134		
	UHF - UHF	8303-263		
	C - MHV	8303-083	8303-173	
	C - BNC	40-1010	8303-127	
	C - SHV	8303-400		
	C - UHF	8303-182		
	MHV - BNC	8303-096	3192 A	
	MHV - SHV	8303-099		
male	female			
	BNC - MHV			PE9406
	SHV - MHV			PE9265