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Selection Guide and Application

Applications

SHF cable assemblies are suitable for different applications. In defense technology, its main use is in tactical and strategic communications, electronic warfare and radar systems. Phase-matched cable assemblies are often required for radar applications. Complete sets of phase-matched, time-delay-matched or amplitude-matched SHF cable assemblies are available.

Also, the special characteristics of this cable assembly family are likely to make it the preferred solution for all industrial applications where lowest loss is crucial for customer specific installations.

To select the right range of cable please follow the selection guide below:

Ground & Navy	Indoor	Regular	Select General Interconnect with solid center conductor for static application. Prefer stranded center conductor for dynamic application.
		High Stress	Armored cables (MA/10, MR or PJ) with solid center conductor for static application. Prefer stranded center conductor cable with PJ option for dynamic application.
	Outdoor	Regular	Outdoor cables (MOD) for static application. Prefer stranded center conductor (OD) for dynamic application.
		High Stress	Armored cables with MPJ option for static application. Prefer stranded center conductor (PJ) for dynamic application.
Aero	Pressurized	Regular	Select General Interconnect range. Prefer solid center conductor for loss performances. FAR 25, Boeing & Airbus Smoke, fire and toxicity qualified.
		Lightweight	Select MLW-2 cables provide the best weight/ performance ratio. Up to 30% weight saving.
	Non-pressurized		Select MAF-2 cables. Hermeticity, abrasion and fluid resistant. FAR 25, RTCA DO 160 qualified.
Test & Measurement	Bench test		Please refer to our TestPro catalog. Bench test TestPro assemblies offer the upmost performances on the market. They differ from standard cable assemblies in the fact that they are especially designed for applications that require repeated connection/disconnection procedures, strenuous flexing situations and applications.
	Ultra low loss		TestPro 5 and TestPro 8 provide the highest performance in loss while benefiting from a reinforced structure.

Plot no. 845, DSIIDC Industrial Area KHASRA NO. 33/23 (0-7) & 37/4 (0-10)Gali no. 6, near Harnandi dharam kanta Mundka Industrial Area, New Delhi, Delhi, 110041