

## Course Details: 8243

Title	8243 – Configuration of SKYWAN FAD
Level	Basic / Specialist
Objectives	<p>The participant will be able to:            Configure a SKYWAN FAD for basic operation within the SKYWAN network, i.e.:</p> <ul style="list-style-type: none"> <li>• Install a SKYWAN FAD unit,</li> <li>• Setup a SKYWAN FAD with a predefined parameter set,</li> <li>• Run specific functional tests of the unit and within a SKYWAN network.</li> </ul>
Contents	<p>Description of SKYWAN FAD solution:</p> <ul style="list-style-type: none"> <li>• Overview about FAD Series 9220 / 9230,</li> <li>• SKYWAN FAD features,</li> <li>• Hardware (interfaces, boards, functionalities, DSP SIMM),</li> <li>• WAN connection &amp; PVC/R protocol,</li> <li>• Supported data protocols &amp; voice codecs,</li> <li>• Configuration file &amp; software images,</li> <li>• Interfacing with SKYWAN IDU.</li> </ul> <p>Operator access &amp; command line interface.</p> <p>Configuration section &amp; relevant parameters.</p> <p>Basic pitfalls, test procedures and troubleshooting.</p>
Target Group	Network Operator or Application Configurator FAD
Duration	2 days
Prerequisites	<p>The following prerequisites are mandatory for the participant:</p> <ul style="list-style-type: none"> <li>• Participation in ND SatCom course 8240,</li> <li>• Good knowledge in TCP/IP basics,</li> <li>• Good knowledge in 'satellite communication fundamentals (VSAT)',</li> <li>• General good English language skills.</li> </ul>
Environment	SKYWAN IDU 7000 series hardware, SKYWAN FAD hardware, PC or notebook with SKYWAN NMS software, inter-cabling of some SKYWAN stations (with FAD) for a small network.
Methods	Lecture, demonstrations, practical hand-on exercises.