

WANDEL & GOLTERMANN

PCM-4

The Wandel & Goltermann PCM-4 is a industry-standard PCM Channel Measuring Set designed for comprehensive testing, alignment, and troubleshooting of voiceband PCM systems, channel banks, primary multiplexers, and digital switching equipment according to ITU-T (CCITT) recommendations.

SPECIFICATIONS

General

Display	Monochrome CRT screen with graphical trace and digital readout
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Measurement Modes & Functions

Measurement Modes	VF to VF, VF to PCM, PCM to VF, PCM to PCM
Primary Measurement Functions	Level vs Frequency, Gain Tracking, Quantizing Distortion, Total Distortion, Group Delay Distortion, Crosstalk, Return Loss, Idle Channel Noise, Out-of-Band Noise
Signaling Testing Capabilities	CAS (Channel Associated Signaling) channel status display and simulation

PCM & Digital Interface Specifications

Speech Encoding Laws	ITU-T G.711 A-law and μ -law (selectable)
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TECHNOLOGY

PCM Voiceband & Digital Transmission Testing

APPLICATIONS

Telecommunications PCM channel bank testing, multiplexer alignment, VF to PCM transceiving measurements, digital switch verification

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