



9 WIRE SPLITTER INSTRUCTION MANUAL

WS92-05

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SAFETY

Whyte Launch Amplifiers are intended for indoor use only. Do not install the amplifier in damp, humid, hot or dusty areas.

Switch off and remove the power supply when making connections to the Launch Amplifier to avoid damaging the unit.

Always earth bond the Launch Amplifier using the earth bonding lug to a suitable earth bonding point using min 4mm diameter earth cable.

Do not remove the cover of the Launch Amplifier or disassemble it as this will invalidate the guarantee.

PRECAUTIONS

To ensure trouble free operation:

Do not remove the cover of the multiswitch or disassemble it as this will invalidate the guarantee.

The female F connectors on this unit were designed for use with '100' type coaxial cable with a centre core diameter of 1mm². When using larger CT125 or CT167 cables, you must ensure that suitable F connectors with reducing pins are used otherwise damage to the unit will occur which will invalidate the guarantee.

Do not over tighten the F connectors (finger tight only).

GUARANTEE

All Whyte products are guaranteed for a period of 4 years from the date of purchase.

GENERAL DESCRIPTION

The Whyte Series 9 Splitter is a passive device designed to be used with the Whyte Series 9 IRS Multiswitch Range. The WS92-05 Splitter comes with 9 F-type Couplers for quick & easy insertion in to a cascade of Series 9 Multiswitches.

TECHNICAL DESCRIPTION

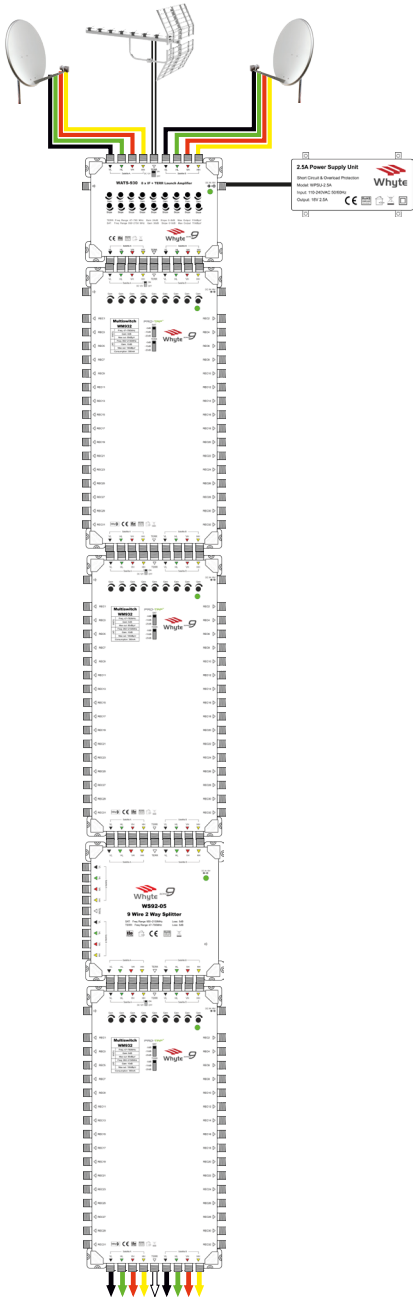
The Whyte™ Series 9 Splitter is DC passing through all SAT Inputs and Outputs. Whilst the WS92-05 Splitter does not require power to function (passive device), it has an Auxiliary 18V Input, which enables a Whyte™ Power Supply Unit to be connected thus serving as a convenient DC injector. The Auxiliary Input injects 18V DC on to the HH and HL trunk lines upwards and downwards.

A Green LED indicates the presence of power on the HL and HH Trunk Lines. The Whyte™ Series 9 range is compact due to the zig-zag layout of the Input and Output Terminals. Therefore, an F Connector Tool (F Connector Screwdriver) should be used to connect the input and output cables. Do not over tighten the F connectors (finger tight only). Each Series 9 Splitter comes complete with 9 F Type Couplers to enable quick and easy interconnection to Series 9 Multiswitches and Amplifiers.

SPECIFICATIONS

Model		WS92-05
Frequency	Satellite	950-2150MHz
	Terrestrial	47-790MHz
Inputs (F-Type Connector)		8 SAT + 1 TERR
Outputs (F-Type Connector)		8 SAT + 1 TERR
DC Pass Input to Tap	SAT	YES
	TERR	NO
DC Pass Tap to Tap	SAT	YES
	TERR	NO
Insertion Loss Taps	SAT	4±2dB
	TERR	3±2dB
Return Loss	SAT	≥10dB
	TERR	≥10dB
Isolation		>28dB
Fixed Slope Taps (SAT)		4dB
Tap Max Current Pass (per line)		2A
Dimensions (mm)		178 x 178 x 50
Weight		590g

EXAMPLE CONFIGURATION





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