

# Digital Distribution Frame Unit

MPX55-120RU

## Overview

A Digital Distribution Frame (DDF) is the interface when coaxial cable has to be terminated, organized or cross-connected in long-distant transport networks, or in access networks close to subscribers. LongXing is expert in producing DDF products and currently providing products to China's main telecom networks in 28 provinces. The frame is equipped with perfect earth system, and 75 Ω / 120 Ω convertor can be provided at user's requirement.. The frame has the highlights of fast and easy installation, high reliability, good cable management and wide range for all applications.



## Descriptions

- These strips can be used in telephones, signalization, remote control, on distributor, box or cupboards, to constitute sets of under distribution and distribution.
- The strip is equipped with 96/192 pins which are maintained on a plate with high insulating capacity.
- 2 models of strips exist:
  - λ with symmetrical pins Welding-Welding (SS);
  - With symmetrical pins λ Wrapping-Wrapping (RR).

## Technical Specifications

Operation Speed	2Mbit/s
Contact resistance	Between the interfaces of Welding-Welding (SS) and Wrapping-Wrapping (RR)≤3MΩ, the increment≤2MΩ after mechanical durability test; Between the reeds of Welding-Welding (SS) ≤7MΩ, the increment≤3MΩ after mechanical durability test.
Insulation resistance	≥1000MΩ, the voltage of test circuit is 500Vdc
Pressurization	500Vac/min
Cross-talk prevention level between the circuit	≥60dB (50 kHz-3.1MHz)
Interruption loss	≤0.4dB (50 kHz-3.1MHz)
Return loss	≥18dB (50 kHz-3.1MHz)
Pull-off force	Welding-Welding (SS) ≥24N (conductor diameter is 0.4mm); Wrapping-Wrapping (RR) ≥22N (conductor diameter is 0.4mm).
Mechanical durability	Meets all the requirements of interruption and return loss and contract resistance, and there is still electro deposition on the contacting surface without base material exposed (Welding-Welding (SS): 200 times of blockages of each pin; Wrapping-Wrapping (RR): 10 times of winding of each pin).

